

# General catalogue.

January 2021






**LEA**  
CERAMICHE






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
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
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
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
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
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01.

The Co

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# DISTINGUERSI INNOVANDO.

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Un brand dall'identità forte e inconfondibile, protagonista assoluto del mondo del design.

Da sempre Lea Ceramiche si distingue, non si omologa. E lo fa innovando: con prodotti dalla personalità definita e dalle straordinarie prestazioni tecniche, pura materia ceramica scaturita da un accurato processo di ricerca e da tecnologie produttive all'avanguardia; e con la collaborazione con i più apprezzati designer internazionali, firme in grado di esaltare carattere e performance delle sue collezioni, impiegate in progetti e in installazioni di prestigio in tutto il mondo.

Ogni collezione Lea Ceramiche, anche la più convenzionale, unisce qualità del design ceramico, completezza della gamma e ricchezza dell'apparato decorativo. Perché è dal dialogo ininterrotto tra la profonda conoscenza di tecniche e materiali e l'intelligenza creativa di un affiatato team di professionisti che nascono e si sviluppano idee, soluzioni e collezioni in continua evoluzione.

## STANDING OUT AS INNOVATORS.

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A brand with a strong and unmistakable identity, one the prime movers in the design world. Lea Ceramiche has always stood out from the crowd.

And it has done so by innovating: with products with a clear personality and remarkable technical qualities, pure ceramic material originating from in-depth research and cutting-edge

production technologies; and with the collaboration of the most respected international designers who are able to exalt the character and the qualities of its collections, used in prestigious projects and installations all over the world.

Every Lea Ceramiche collection, even the most conventional one, stands out for its quality ceramic design, the completeness of the range and the

richness of the decorations.

Because it is through the uninterrupted dialogue between the extensive knowledge of techniques and materials and the creative intelligence of a tight-knit team of professionals that continuously evolving ideas, solutions and collections are born and developed.

## SE DISTINGUER EN INNOVANT.

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Une marque qui a une identité forte et inimitable, protagoniste absolue du monde du design. Depuis toujours Lea Ceramiche se distingue, sans se conformer. Elle innove avec des produits qui ont une personnalité bien définie et qui garantissent des performances techniques extraordinaires ; des céramiques qui sont le fruit d'un processus de recherche soigné

et de technologies de production de pointe ; avec la collaboration des designers internationaux les plus renommés, des créateurs en mesure d'exalter le caractère et les performances de ses collections, utilisées dans des projets et des installations de prestige dans le monde entier.

Chaque collection Lea Ceramiche, même la plus classique, exploite les

qualités du design céramique, en offrant une collection complète aux riches décorations. C'est en effet du dialogue entre la connaissance profonde des techniques et des matériaux et l'intelligence créative d'une équipe soudée de professionnels que naissent et se développent des idées, des solutions et des collections en évolution constante.

## MIT INNOVATIONEN HERVORSTECHEN.

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Eine Marke mit starker und unverwechselbarer Identität, absoluter Star in der Welt des Designs.

Lea Ceramiche hebt sich seit jeher ab und gleicht sich nicht an. Und zwar mit Innovationen: Produkte mit ausgeprägter Persönlichkeit und außergewöhnlichen technischen Leistungen, reines keramisches Material, das aus einem sorgfältigen Forschungsprozess und modernsten

Produktionstechnologien hervorgeht; und mit der Zusammenarbeit mit den angesehensten internationalen Designern, Namen, die in der Lage sind, Charakter und Leistung der Kollektionen, die in prestigeträchtigen Projekten und Bauten in der ganzen Welt zum Einsatz kommen, in Szene zu setzen.

Alle – selbst die konventionellsten – Kollektionen von Lea Ceramiche vereinen die Qualität des keramischen

Designs mit einem umfassenden Angebot und einem reichhaltigen Dekorapparat. Denn aus dem ununterbrochenen Dialog zwischen der tiefen Kenntnis von Techniken und Materialien und der kreativen Intelligenz eines eingespielten Teams von Fachleuten entstehen Ideen, Lösungen und Kollektionen, die sich stetig verändern.



# DESIGNERS & COLLABORATIONS.

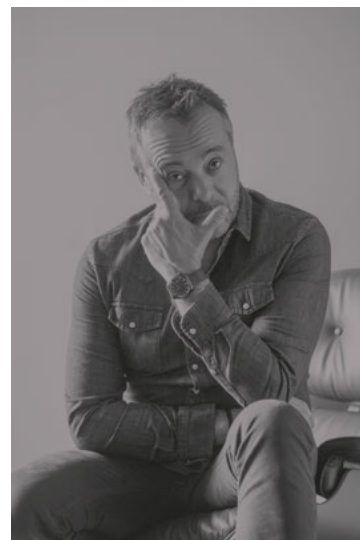
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FERRUCCIO LAVIANI



DIEGO GRANDI



PATRICK NORQUET



FABIO NOVEMBRE



PHILIPPE NIGRO



ZAHA HADID

# DESIGN E PERFORMANCE.

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Alla base del nostro lavoro di ogni giorno c'è l'entusiasmo del confronto tra innovazione e creatività: per questo ogni prodotto Lea Ceramiche è sintesi di design e performance.

Le nostre superfici sono l'espressione dello stile senza tempo, dell'eccellenza nelle prestazioni tecniche e delle possibilità tecnologiche interpretate dal mondo del design.

I prestigiosi riconoscimenti ottenuti dalle collezioni firmate da designer di fama internazionale, testimoniano il valore del percorso Lea Ceramiche e la qualità dei suoi prodotti.

## DESIGN AND PERFORMANCE.

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Our daily work is based on an enthusiastic interaction between innovation and creativity: this is why every Lea Ceramiche product is a synthesis of design and performance.

Our surfaces embody timeless style, outstanding technical performance and technological

possibilities interpreted by the design world.

The prestigious awards received by the collections signed by internationally renowned designers testify to the value of Lea Ceramiche's work and to the quality of its products.

## DESIGN ET PERFORMANCE.

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Notre travail quotidien se fonde sur l'enthousiasme de la confrontation entre l'innovation et la créativité : c'est ainsi que chaque produit Lea Ceramiche est une synthèse de design et performance.

Nos surfaces sont l'expression du style intemporel, de l'excellence des performances techniques

et des possibilités technologiques interprétées par le monde du design.

Les distinctions obtenues par les collections signées par des designers de renommée internationale témoignent de la valeur des choix de Lea Ceramiche et de la qualité de ses produits.

## DESIGN UND LEISTUNG.

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An der Basis unserer alltäglichen Arbeit steht der Enthusiasmus der Gegenüberstellung von Innovation und Kreativität: deshalb ist jedes Produkt von Lea Ceramiche eine Synthese aus Design und Leistung.

Unsere Oberflächen sind der Ausdruck des zeitlosen Stils, der Exzellenz in den technischen Leistungen und der

technologischen Möglichkeiten, die von der Welt des Designs interpretiert werden.

Die renommierten Auszeichnungen der Kollektionen aus der Feder von Designern von internationalem Ruf bezeugen den Wert des Wegs von Lea Ceramiche und die Qualität seiner Produkte.

# AWARDS.

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**CONCRETO**  
BY FABIO NOVEMBRE  
CHICAGO  
ATHENAEUM MUSEUM  
GOOD DESIGN  
AWARD  
2018



**FILIGRANE**  
BY PHILIPPE NIGRO  
**archiproducts**  
DESIGN AWARDS  
WINNER 2017



**TYPE 32**  
BY DIEGO GRANDI  
HONORABLE MENTION  
COMPASSO D'ORO ADI  
2016



**NAIVE**  
BY PATRICK NORGUET  
CHICAGO  
ATHENAEUM MUSEUM  
GOOD DESIGN  
AWARD  
2016



**NAIVE**  
BY PATRICK NORGUET  
SPECIAL MENTION ON  
GERMAN DESIGN AWARD  
2016



**NEST**  
BY HOK PRODUCT DESIGN  
INTERIOR DESIGN  
ANNUAL BEST OF YEAR AWARD  
(FLOORING: TILE AND  
STONE)  
2014



**TYPE 32**  
BY DIEGO GRANDI  
CHICAGO ATHENAEUM MUSEUM  
GOOD DESIGN AWARD  
MENTION ON  
ADI DESIGN INDEX  
2014



**CITY**  
BY DIEGO GRANDI  
CHICAGO ATHENAEUM MUSEUM  
GOOD DESIGN AWARD  
MENTION ON  
ADI DESIGN INDEX  
2008

# SHOWROOM ED EVENTI.

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Attraverso lo showroom di Milano, il temporary Lab di Parigi e le suggestioni dei propri eventi, Lea Ceramiche è sempre in dialogo costante e vivace con il mondo del design. Le collaborazioni avviate negli anni hanno generato importanti realizzazioni sia in architettura che nell'interior.

Alcune di queste partnership hanno dato origine ad installazioni originali ed impattanti, mostrando un utilizzo non convenzionale del materiale ceramico nella sua assoluta versatilità. In altre occasioni la collaborazione si è sviluppata nell'interpretazione della decorazione, dando forza all'espressività delle superfici ceramiche.

In ognuna di queste opportunità, Lea Ceramiche ha offerto il proprio know how e ha appreso nuove prospettive su tendenze ed esigenze della progettazione. Un patrimonio che dà forma allo stile, alle prestazioni e alla qualità delle superfici Lea Ceramiche, straordinariamente apprezzate dai professionisti di tutto il panorama internazionale.

## SHOWROOMS & EVENTS.

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Through its Milanese showroom, the temporary Lab in Paris, and its amazing events, Lea Ceramiche maintains a constant and engaging dialogue with the world of design. The collaborations begun over the years have produced important architectural and interior design projects.

Some of these partnerships have led to the design of original and

compelling installations, demonstrating an unconventional use of ceramic as well as its absolute versatility. On other occasions, these collaborations have developed into decorative interpretations, emphasising the expressive potential of ceramic surfaces.

In each of these opportunities, Lea Ceramiche has contributed its know-how and acquired new perspectives on trends and design needs. A heritage which shapes

the style, performance, and quality of Lea Ceramiche's surfaces that are highly admired by professionals worldwide.

## SHOWROOM ET EVENEMENTS.

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À travers le showroom de Milan, le temporary Lab de Paris et l'organisation de divers événements, Lea Ceramiche a instauré un dialogue dynamique et permanent avec le monde du design. Les collaborations mises en place au fil des ans sont à l'origine de réalisations importantes aussi bien en architecture qu'en décoration d'intérieur.

Parmi ces partenariats, certains ont donné naissance à des installations

originales et percutantes, montrant ainsi un usage peu conventionnel du matériau céramique dans sa versatilité la plus totale. Parfois encore, les collaborations ont porté sur l'aspect décoratif, renforçant ainsi le caractère des surfaces en céramique.

Dans toutes ces occasions, Lea Ceramiche a mis son savoir-faire à disposition et en a beaucoup appris sur les tendances et les exigences du projet architectural. C'est ce patrimoine qui façonne le style, les

performances et la qualité des surfaces Lea Ceramiche, qui connaissent un succès extraordinaire auprès des professionnels du monde entier.

## SHOWROOM UND VERANSTALTUNGEN.

---

Mit dem Mailänder Showroom, dem Temporary Lab in Paris und effektvollen Events steht Lea Ceramiche in kontinuierlichem und lebhaftem Dialog mit der Welt des Designs. Aus den im Laufe der Jahre aufgenommenen Partnerschaften sind bedeutende Architektur- und Innendesign-Projekte hervorgegangen.

Mit einigen Partnern wurden originelle

und eindrucksvolle Ideen verwirklicht, die einen unkonventionellen Einsatz der Keramik und damit ihre absolute Vielseitigkeit aufzeigen. Andere Male betraf die Zusammenarbeit Interpretationen des Dekors und steigerte die Ausdruckskraft der Keramikbeläge deutlich.

Jedes Mal hat Lea Ceramiche ihr Know-how eingebracht und zugleich neue Perspektiven in Sachen Trends und Potenzial für die Planung erkannt. Das so erworbene Fachwissen verleiht

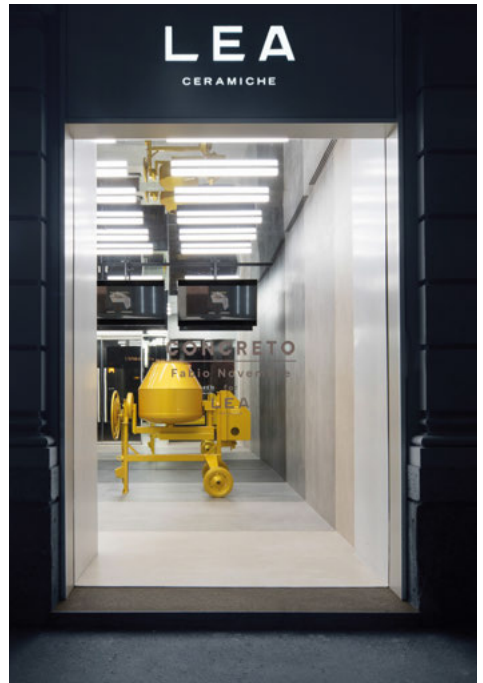
der Qualität, dem Stil und den Leistungen der Keramikbeläge von Lea Ceramiche ein Niveau, das von der gesamten internationalen Fachwelt hoch geschätzt wird.



THE ANTHOLOGY IMPACT - FERRUCCIO LAVIANI



IN FACTORY - DIEGO GRANDI



SHOWROOM MILANO



TWIRL - ZAHA HADID ARCHITECTS



SHOWROOM PARIGI

# INNOVAZIONI PER UN'ARCHITETTURA DI PREGIO.

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L'innovazione nel design, l'assoluta affidabilità delle prestazioni tecniche e la capacità di osare e guardare sempre avanti hanno reso Lea Ceramiche una protagonista indiscussa dell'architettura internazionale. Come testimoniato dalla prestigiose referenze realizzate in tutto il mondo.

## INNOVATION FOR TOP ARCHITECTURE.

---

Innovative design, absolute reliability of technical performance, and the capacity to dare and focus on the future have made Lea Ceramiche an undisputed key player in international architecture.

As proved by the important projects supplied by the brand around the world.

## L'INNOVATION POUR L'ARCHITECTURE DE POINTE.

---

L'innovation dans le design, la fiabilité absolue des performances techniques et la capacité à oser et à toujours aller de l'avant ont fait de Lea Ceramiche un protagoniste incontestable de l'architecture internationale. Comme en témoignent les importantes références dans le monde.

## INNOVATION FÜR SPITZENARCHITEKTUR.

---

Die Innovation im Design, die absolute Zuverlässigkeit der technischen Leistung und die Fähigkeit zu wagen und immer nach vorne zu schauen hat Lea Ceramiche zu einem unangefochtenen Protagonisten der internationalen Architektur gemacht. Wie die Referenzen von renommierten Stellen aus der ganzen Welt beweisen.



THE POLE HOUSE - MELBOURNE - F2 ARCHITECTURE



ARENA BUSINESS CAMPUS - BUDAPEST  
VIKAR ES LUKACS STUDIO



520W28 – MANHATTAN NY – ZAHA HADID



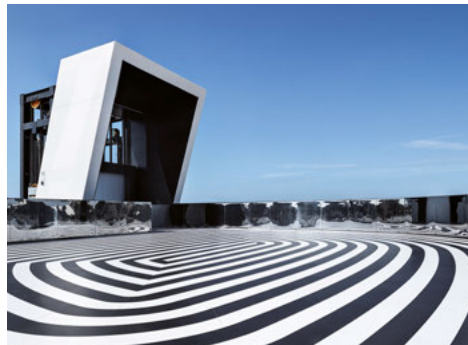
CASTEL HEADQUARTER – ADDIS ABEBA – WESTWAY ARCHITECTS



BOSCO VERTICALE  
MILAN  
STEFANO BOERI  
GIANANDREA BARRECA  
E GIOVANNI LA VARRA



RAPHAEL HOSPITAL – TEL AVIV – ARIE SHAUER ARCHITECTS



FONDAZIONE PRADA – MILANO – OMA ARCHITECTS



CAMPUS SOCIET  GENERALE  
PARIS – PATRICK NORQUET



LANDMARK PINNACLE – LONDON  
SQUIRE & PARTNERS

01a.

Our G



group.

# PANARIAGROUP. NEL TEMPO E NEL MONDO, L'ECCELENZA CERAMICA.

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Eccellere, nel mondo della ceramica di alta qualità, significa saper generare sempre prodotti a elevata componente tecnologica e impreziosirli con la massima attenzione estetica, con la cura di ogni dettaglio.

Per soddisfare al meglio i gusti della fascia più elevata ed esigente del mercato, Panariagroup adotta da sempre la formula dell'eccellenza, unendo storica sapienza artigianale e attitudine all'avanguardia tecnologica. Con un impegno fondamentale ad agire e operare sempre con responsabilità.

Con oltre 40 anni di esperienza, Panariagroup è oggi una realtà internazionale con un cuore fortemente italiano, presente con 8 brand in oltre 130 paesi nel mondo grazie a una vasta e capillare rete commerciale.

## THROUGHOUT TIME AND AROUND THE WORLD, CERAMIC EXCELLENCE.

---

To excel in the world of high quality ceramics means knowing how to continuously create highly technological products and how to enhance them through the utmost attention to aesthetics and detail. Panariagroup has always adhered to the highest standards of excellence,

combining its history of skilful artisan craftsmanship with cutting edge technology. This approach is intrinsically linked to a fundamental commitment to always act and operate responsibly. With over 40 years of experience, Panariagroup is an international company with a strong Italian soul and an extensive

sales network with 8 brands in over 130 countries all over the world.

## DANS LE TEMPS ET DANS LE MONDE, L'EXCELLENCE CÉRAMIQUE.

---

Exceller, dans le monde de la céramique de haute qualité, signifie toujours savoir créer des produits à composante technologique élevée et les enrichir avec la plus grande attention esthétique, en soignant tous les détails. Pour satisfaire au mieux les goûts de la plage la

plus élevée et la plus exigeante du marché, Panariagroup adopte depuis toujours la formule de l'excellence, unissant la connaissance historique artisanale et l'attitude technologiquement à l'avant-garde. Avec un engagement fondamental à agir et œuvrer toujours de manière

responsable. Avec plus de 40 ans d'expérience, Panariagroup est aujourd'hui un groupe international avec un cœur fortement italien, présente avec 8 marques dans plus de 130 pays dans le monde, grâce à un vaste réseau commercial à tous les niveaux.

## MIT DER ZEIT UND IN DER WELT, DIE EXZELLENZ DER KERAMIK.

---

Exzellenz in der Welt der hochwertigen Keramik bedeutet zu wissen, wie man kontinuierlich Produkte herstellt, die nicht nur eine hohe technologische Komponente aufweisen, sondern die mit besonderem Augenmerk auf die Ästhetik bis ins kleinste Detail realisiert

werden. Panariagroup arbeitet seit jeher mit der Formel der Exzellenz, um dem Geschmack des anspruchsvollsten Marktsegments gerecht zu werden. Historische Handwerkskunst vereint sich mit technologischem Fortschritt, wobei ein verantwortungsvolles

Handeln absolute Voraussetzung ist. Mit mehr als 40 Jahren Erfahrung ist die Panariagroup heute eine internationale Realität mit einem starken italienischen Herzen, die dank eines großen und weit verbreiteten Handelsnetzes weltweit mit 8 Marken in über 130 Ländern präsent ist.

**PANARIA**group®

[www.panariagroup.it](http://www.panariagroup.it)



**Panaria**  
ceramica

**COTTOD'ESTE**  
Nuove Superfici

**MARGRES**  
CERAMIC TILES

**Bellissimo**  
STILE ITALIANO

floridatle

**LEA**  
CERAMICHE

**Blustyle**  
BY COTTOD'ESTE

**LOVE**  
CERAMIC TILES

**MAXA**  
CERAMIC SLABS

# PANARIAGROUP. CERAMICHE PER LA QUALITÀ DELLA VITA.

**Bellezza, Innovazione, Sostenibilità.**

**Panariagroup è leader mondiale nei pavimenti e rivestimenti di alta qualità. Con processi produttivi che rispettano l'ambiente e prodotti pensati per un nuovo modo di concepire l'architettura e l'abitare.**

## CERAMICS FOR THE QUALITY OF YOUR LIFE.

Beauty, Innovation, Sustainability.

Panariagroup is a world leader in high quality ceramic surfaces for floor and wall coverings. Its production processes respect the environment and its products are designed for a new way of conceiving architecture and living.

## LA CÉRAMIQUE POUR LA QUALITÉ DE VOTRE VIE.

Esthétique, Innovation, Durabilité.

Panariagroup, leader mondial des sols et revêtements de haute qualité garantit des processus de production respectueux de l'environnement et des produits conçus pour envisager l'architecture et le logement différemment.

## KERAMIK FÜR DIE QUALITÄT IHRES LEBENS.

Schönheit, Innovation, Nachhaltigkeit.

Panariagroup ist ein international führender Hersteller von qualitativ hochwertigen Wand- und Bodenbelägen. Die Produktion erfolgt umweltschonend, und die Produkte sind auf ein neues Konzept des Bauens und Wohnens ausgelegt.



Per conoscere di più sull'impegno e sulle iniziative concrete di Panariagroup, è possibile consultare il Bilancio di Sostenibilità 2019, scaricabile dal sito [panariagroup.it](http://panariagroup.it) o richiedibile via mail a [sustainability@panariagroup.it](mailto:sustainability@panariagroup.it)

To find out more about Panariagroup's commitment and specific initiatives, you can refer to the Sustainability Report 2019, which can be downloaded here at [panariagroup.it](http://panariagroup.it) or requested via email at [sustainability@panariagroup.it](mailto:sustainability@panariagroup.it)

Pour en savoir plus sur les engagements et sur les initiatives concrètes de Panariagroup, vous pouvez consulter le Rapport de Durabilité 2019, téléchargeable sur le site [panariagroup.it](http://panariagroup.it) ou en envoyant une demande par e-mail à [sustainability@panariagroup.it](mailto:sustainability@panariagroup.it)

Mehr zum Engagement und zu den konkreten Initiativen von Panariagroup erfahren Sie aus dem Nachhaltigkeitsbericht 2019, den Sie von der Website [panariagroup.it](http://panariagroup.it) downloaden oder per E-Mail an [sustainability@panariagroup.it](mailto:sustainability@panariagroup.it) anfordern können.

**PANARIA**group®

[www.panariagroup.it](http://www.panariagroup.it)



# PANARIAGROUP. LA CERAMICA NELLA SUA FORMA MIGLIORE.

---

La ceramica è un materiale dalle prestazioni uniche e straordinarie. Panariagroup si distingue con prodotti di qualità superiore.

**PIÙ SALUBRI** grazie all'integrazione della tecnologia antibatterica Protect

**PIÙ FACILI DA PULIRE** grazie alle nostre esclusive tecniche di lavorazione delle superfici

**PIÙ VERSATILI E ADATTI AD OGNI IMPIEGO** grazie ad un'ampia disponibilità di tecnologie e componenti ad elevata performance che consentono di ottenere prodotti adatti a destinazioni d'uso differenti

**PIÙ SOSTENIBILI** grazie a un processo produttivo estremamente efficiente in termini di rispetto delle norme ambientali, del consumo di acqua, energia e materie prime

## CERAMICS AT THEIR BEST.

---

Ceramics offer unique and outstanding performance. Panariagroup stands out for its superior quality products.

**HEALTHIER** thanks to the integrated Protect antimicrobial technology

**EASIER TO CLEAN** thanks to our exclusive surface processing techniques

**MORE VERSATILE AND SUITABLE FOR EVERY USE** thanks to the wide availability of high-performance technologies and components that allow you to obtain products suitable for different uses

**MORE SUSTAINABLE** thanks to a production process that is extremely efficient in terms of compliance with environmental standards and consumption of water, energy and raw materials

## LA CÉRAMIQUE SOUS SON MEILLEUR JOUR.

---

La céramique est un matériau aux performances uniques et extraordinaires. Panariagroup se distingue par ses produits de qualité supérieure.

**PLUS SAINS** grâce à l'intégration de la technologie antibactérienne Protect

**PLUS FACILES À NETTOYER** grâce à nos techniques exclusives de traitement de surface

**PLUS POLYVALENTS ET ADAPTÉS À TOUS LES USAGES** grâce à une vaste disponibilité de technologies et de composants à haute performance, qui permettent d'obtenir des produits adaptés à des usages différents

**PLUS DURABLES** grâce à un processus de production extrêmement efficace en termes de respect des normes environnementales, de consommation d'eau, d'énergie et de matières premières

## KERAMIK IN IHRER SCHÖNSTEN FORM.

---

Keramik ist ein Material mit einzigartigen und ausgezeichneten Leistungen. Panariagroup zeichnet sich durch ihre hochwertigen Qualitätsprodukte aus.

**GESÜNDER** dank der Integration der antibakteriellen Technologie Protect

**EINFACHER ZU REINIGEN** dank unserer exklusiven Verarbeitungstechniken der Oberflächen

**VIELSEITIGER UND FÜR JEDEN EINSATZ GEEIGNET** dank einer breiten Verfügbarkeit von Technologien und Komponenten mit hoher Leistung, die es ermöglichen, Produkte für verschiedene Einsatzbereiche zu erhalten

**NACHHALTIGER** dank einem extrem effizienten Produktionsprozess im Hinblick auf Einhaltung der Umweltnormen, sowie Wasser-, Strom- und Rohstoffverbrauch

**PANARIA**group®

www.panariagroup.it

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# LA CERAMICA. UNA SCELTA SICURA.

---

CERAMICS. A SAFE CHOICE. / LA CÉRAMIQUE, UN CHOIX SÛR. / KERAMIK. EINE SICHERE WAHL.

## **SICURA**

SAFE / SÛRE / SICHER

## **IGIENICA**

HYGIENIC / HYGIÉNIQUE / HYGIENISCH

## **DURA A LUNGO**

LONG-LASTING / DURE LONGTEMPS / LANGLEBIG

## **NON EMETTE SOSTANZE CHIMICHE NOCIVE**

ZERO VOCs / ZERO COV / NULL VOCs

## **NON BRUCIA**

IT DOES NOT BURN / NE BRÛLE PAS / BRENNT NICHT

## **RESISTENTE**

RESISTANT / RÉSISTANTE / BESTÄNDIG

## **VERSATILE**

VERSATILE / POLYVALENTE / VIELSEITIG

## **STABILE**

STABLE / STABLE / STABIL

## **RICICLABILE**

RECYCLABLE / RECYCLABLE / WIEDERVERWERTBAR

## **AMA L'AMBIENTE**

ENVIRONMENT-FRIENDLY / RESPECTE L'ENVIRONNEMENT  
/ UMWELTSCHONEND



01b.

Our Exce



ellences.

# LE TECNOLOGIE.

---



## **SLIMTECH.**

**Lastre ceramiche sottili di qualità superiore.**

Gres porcellanato laminato in grande formato: un materiale leggero, versatile e resistente per nuove prospettive progettuali nel mondo dell'architettura e dell'abitare.



## **GRES.**

**Gres porcellanato a tutta massa, sinonimo di resistenza tecnica e di eccellenza estetica.**

L'ampia disponibilità di formati è arricchita dalle sofisticate finiture superficiali che rendono i prodotti Lea Ceramiche ideali per ogni progetto sia in ambito residenziale che in ambito architettonico.



## **L2.**

**Gres porcellanato in 20mm di spessore, progettato per l'outdoor.**

Garantisce infinite soluzioni applicative senza il rischio di rotture ed è ideale per la continuità estetica tra gli ambienti interni e quelli esterni. Resistente al gelo e agli sbalzi termici, presenta elevate caratteristiche antiscivolo, preserva la materia e il colore inalterati nel tempo ed è facile da pulire.

## TECNOLOGIES.

---



## **SLIMTECH.**

**Superior quality slim ceramic slabs.**

Large-size laminated porcelain stoneware: a light, versatile and resistant material for new design perspectives in the world of architecture and living.



## **STONEWARE.**

**Through-body porcelain stoneware, a synonym for technical resistance and aesthetic excellence.**

The wide range of sizes is enriched with sophisticated surface finishes that make Lea Ceramiche products ideal for all residential and architectural projects.



## **L2.**

**20mm-thick porcelain stoneware, designed for outdoor use.**

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces. Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time and is easy to clean.

## LES TECHNOLOGIES.

---



## **SLIMTECH.**

**Mincres plaques en céramique de qualité supérieure.**

Grès cérame laminé en grands formats, un matériau léger, polyvalent et résistant offrant de nouvelles perspectives au monde de la conception architecturale et de l'habitat.



## **GRES.**

**Grès cérame dans la masse, synonyme de résistance technique et d'excellence esthétique.**

La vaste gamme de formats est enrichie par des finitions de surface raffinées, qui rendent les produits Lea Ceramiche parfaits pour tous les projets, d'architecture ou d'architecture d'intérieur.



## **L2.**

**Grès cérame de 20 mm d'épaisseur, conçu pour l'extérieur.**

Il assure un nombre infini de solutions applicatives sans risque de cassure et garantit la continuité esthétique entre les pièces intérieures et les espaces extérieurs. Résistant au gel et aux écarts thermiques, il présente d'excellentes caractéristiques antiglisse, protège la matière et la couleur qui restent intacts dans le temps et facilite le nettoyage.

## DIE TECHNOLOGIEN.

---



## **SLIMTECH.**

**Dünne Keramikplatten von höchster Qualität.**

Laminiertes Feinsteinzeug im Großformat: ein leichtes, vielseitiges und robustes Material für neue Planungsperspektiven in der Welt der Architektur und des Wohnens.



## **FEINSTEINZEUG.**

**Durchgefärbtes Feinsteinzeug, Synonym für technische Robustheit und ästhetische Exzellenz.**

Die breite Verfügbarkeit von Formaten wird durch das raffinierte Oberflächen-Finish ergänzt, sodass sich die Produkte von Lea Ceramiche ideal für jedes Projekt im Wohn- und Architekturbereich eignen.



## **L2.**

**Feinsteinzeug mit 20 mm Stärke, für Außenbereiche entwickelt.**

Es garantiert endlose Anwendungslösungen ohne Bruchgefahr und ist ideal für die ästhetische Kontinuität zwischen Innen- und Außenbereichen. Resistent gegenüber Kälte und Temperaturschwankungen, mit hoher Rutschfestigkeit, Material und Farbe bleiben über die Zeit unverändert, einfach zu reinigen.

# 3-TECH PROJECT.

## TRE TECNOLOGIE, DIFFERENTI SPESSORI, INFINITE POSSIBILITÀ

L' esclusivo progetto Lea Ceramiche per collezioni articolate in 3 tecnologie produttive: Le grandi lastre sottili di qualità superiore, l'eccellenza del gres porcellanato a spessore tradizionale e il gres spessorato per soluzioni outdoor.

## THREE TECHNOLOGIES, DIFFERENT THICKNESSES, INFINITE POSSIBILITIES

The exclusive Lea Ceramiche project for collections divided into 3 production technologies: high-quality large thin slabs, outstanding porcelain stoneware with a traditional thickness and extra-thick porcelain stoneware for outdoor solutions.

## TROIS TECHNOLOGIES, DIFFERENTES EPAISSEURS, POSSIBILITES INFINIES

Le projet exclusif Lea Ceramiche pour des collections qui se différencient suivant 3 technologies de production: les grandes plaques minces de qualité supérieure, l'excellence du grès cérame d'épaisseur traditionnelle et le grès épais pour l'extérieur.

## DREI TECHNOLOGIEN, VERSCHIEDENE STÄRKEN, UNENDLICHE MÖGLICHKEITEN

Das exklusive Projekt von Lea Ceramiche aus Kollektionen mit 3 Produktionstechniken: Große, dünne Platten von hoher Qualität, das exzellente Feinsteinzeug in traditioneller Stärke, und verstärktes Feinsteinzeug für Außenbereiche.



# TENDENZA E DECORAZIONE.

---

Lea Ceramiche reinterpreta in modo originale e ineccepibile le superfici di maggior tendenza - il marmo, la pietra, il cemento, il legno - senza tradire la propria vocazione alla sperimentazione di forme, colori e superfici.

Ogni collezione Lea Ceramiche guarda oltre l'effetto dei materiali naturali: innesti decorativi e geometrie raffinate attribuiscono distintività e personalità ad ogni applicazione progettuale.

## TRENDS AND DECORATIONS.

---

Lea Ceramiche offers an original and flawless interpretation of the trendiest surfaces - marble, stone, concrete and wood - without betraying its vocation for experimenting with forms, colours and surfaces.

Every Lea Ceramiche collection goes beyond the look of natural materials: decorative elements and sophisticated designs lend a distinctive quality and unique personality to any project.

## TENDANCE ET DÉCORATION.

---

Lea Ceramiche réinterprète de façon originale et impeccable les surfaces à la pointe de la mode - le marbre, la pierre, le ciment, le bois - sans trahir sa vocation consistant à expérimenter les formes, les couleurs et les surfaces.

Chaque collection Lea Ceramiche va au-delà du simple effet des matériaux naturels : les éléments décoratifs et les géométries raffinées confèrent à tout projet originalité et caractère.

## TREND UND DEKORE.

---

Lea Ceramiche interpretiert auf originelle und tadellose Weise die trendigsten Oberflächen - Marmor, Stein, Zement, Holz - ohne die eigene Berufung zum Experimentieren mit Formen, Farben und Oberflächen zu verraten.

Jede Kollektion von Lea Ceramiche geht weit über die Optik der natürlichen Materialien hinaus: Die meisterhaft ausgeführten Dekore und Geometrien verleihen jedem Projekt Eleganz und Persönlichkeit.





# P R ( ) T E C T

## PER UN ABITARE SANO, SICURO E PROTETTO.

---

L'esclusiva tecnologia Panariagroup per pavimenti e rivestimenti  
antibatterici ad altissime performance.

### TO LIVE HEALTHILY, SAFE AND SECURE.

---

The exclusive Panariagroup technology for antimicrobial floor and wall coverings with  
the highest performance.

### POUR UN HABITAT SAIN, SÛR ET PROTÉGÉ.

---

La technologie exclusive de Panariagroup pour les revêtements de sols et de murs  
antibactériens à hautes performances.

### FÜR EIN GESUNDES, SICHERES UND GESCHÜTZTES WOHNEN.

---

Die exklusive Technologie Panariagroup für antibakterielle und hochleistungsfähige  
Fußböden und Verkleidungen.



**1. Azione potente.**  
Elimina i batteri e ne  
impedisce la proliferazione.

1. Powerful action.  
Eliminates microbes and prevents  
their reproduction.

1. Action puissante.  
Eliminates microbes and prevents  
Élimine les bactéries et empêche  
leur prolifération.

1. Leistungsstarke Wirkung  
Eliminiert Bakterien und verhindert  
die Vermehrung.



**2. Efficacia eterna.**  
Grazie alla tecnologia integrata in  
modo permanente nel prodotto.

2. Eternal effectiveness.  
Thanks to the technology permanently  
integrated into the product.

2. Efficacité éternelle.  
Grâce à la technologie intégrée de façon  
permanente dans le produit.

2. Dauerhafte Wirksamkeit.  
Dank der permanent im Produkt  
integrierten Technologie.



**3. Protezione continua.**  
Sempre attivo, 24 ore  
su 24, con e senza luce  
solare.

3. Continuous protection.  
Always active, 24 hours  
a day, with and without sunlight.

3. Protection continue.  
Toujours actif, 24 heures sur 24,  
avec et sans lumière du soleil.

3. Dauerschutz.  
Rund um die Uhr aktiv, mit oder  
ohne Sonnenlicht.

---

with **MICROBAN**<sup>®</sup>

[protect.panariagroup.it](http://protect.panariagroup.it)

Lea Ceramiche



## LASTRE CERAMICHE SOTTILI DI QUALITÀ SUPERIORE.

Superior quality thin porcelain slabs. / Dalles céramiques fines de qualité supérieure. / Dünne Hochwertige Keramikplatten.



### MASSIMI STANDARD QUALITATIVI E PRESTAZIONALI

HIGHEST STANDARDS IN QUALITY AND PERFORMANCE

STANDARDS QUALITATIFS ET PERFORMANCES MAXIMALES

HÖCHSTE QUALITÄTS- UND LEISTUNGSSTANDARDS



### LASTRE SUPERCOMPATTE ED ELASTICHE

HIGHLY COMPACT AND ELASTIC SLABS

DALLES ULTRACOMPACTES ET ÉLASTIQUES

SUPERKOMPACTE, ELASTISCHE PLATTEN



### RESA ESTETICA ECCELLENTE

EXCELLENT AESTHETIC LOOK

EXCELLENT RENDEMENT ESTHÉTIQUE

AUSGEZEICHNETE OPTISCHE WIRKUNG



### STRAORDINARIA EXTRA-RESISTENZA

EXTRAORDINARY ADDED RESISTANCE

EXTRAORDINAIRE EXTRA-RÉSISTANCE

ÜBERRAGENDE SUPER-BESTÄNDIGKEIT



### SOSTENIBILITÀ AMBIENTALE ELEVATA

HIGHLY ECO-FRIENDLY

DURABILITÉ ENVIRONNEMENTALE

HOHE ÖKOLOGISCHE NACHHALTIGKEIT



Ultrasottile e ultrasensibile. Con fibra di vetro.



3.5mm

Ultra-thin and ultra-resistant. With fibreglass mesh.

Ultra fin et ultra résistant. Avec fibre de verre.



5.5mm

Untradünn und ultrawiderstandsfest. Mit Glasfaser.

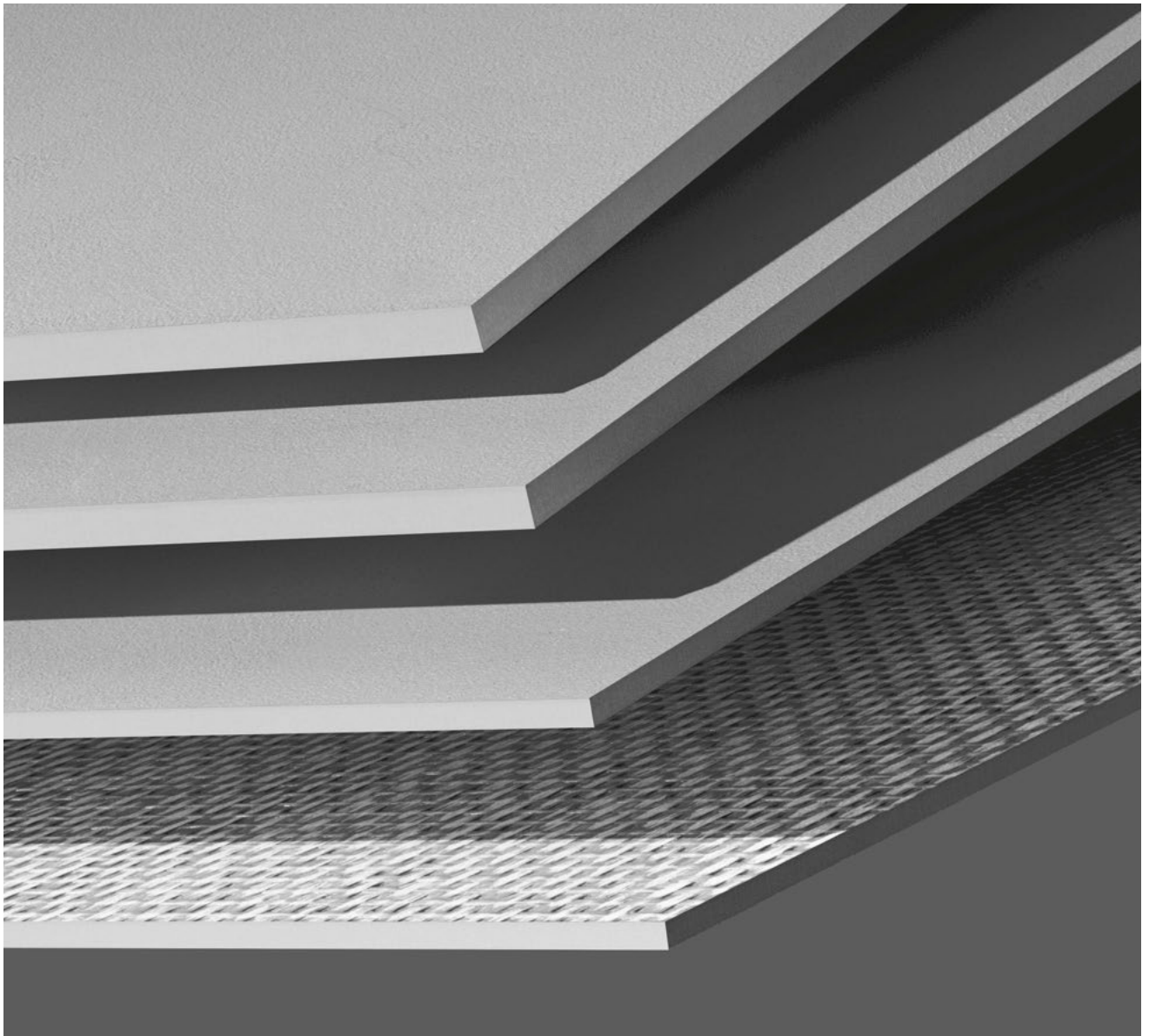


6mm

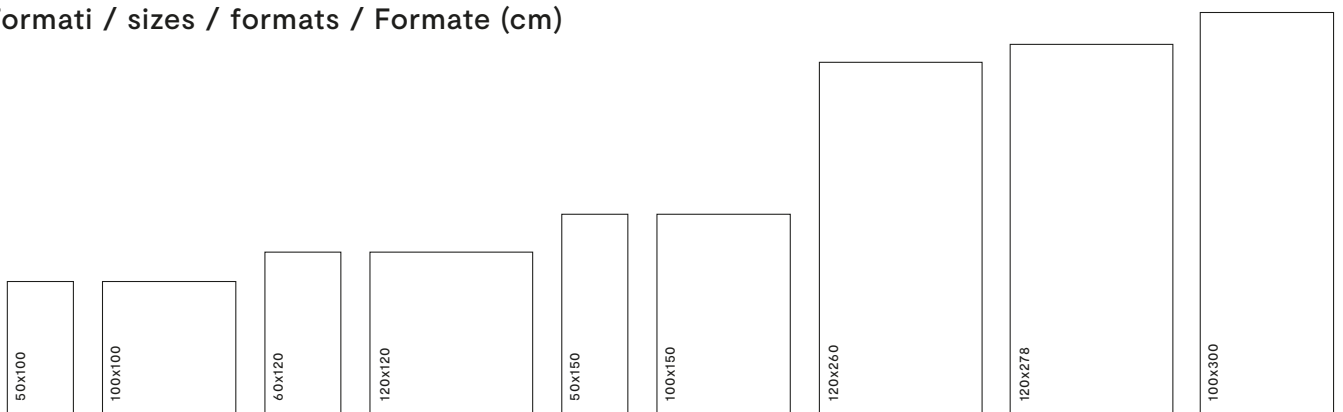
Sottile e resistente. / Thin and resistant.

Fin et résistant. / Dünn und widerstandsfähig.





Formati / sizes / formats / Formate (cm)



## RINNOVARE SENZA DEMOLIRE.

---

Le lastre ceramiche sottili sono ideali per rinnovare senza demolire.

Possano essere posate in sovrapposizione al pavimento esistente con benefici di velocità, comodità, risparmio e assenza di detriti.

La posa può essere incollata oppure eseguita a secco senza colla, con l'esclusiva soluzione Slimtech Easy, particolarmente efficace per la sua velocità di applicazione e semplicità di utilizzo.

## RENOVATIONS WITHOUT DEMOLITION.

---

Thin ceramic slabs are perfect for renovating without demolishing.

They can be installed on top of existing floors, providing the benefit of speed, convenience, savings, and absence of debris.

The slabs can be adhered to the substrate or dry-laid, thanks to the exclusive Slimtech Easy solution which is particularly efficient due to its speed of installation and ease of use.

## RÉNOVER SANS DÉMOLIR.

---

Les dalles en céramique fine sont parfaites pour rénover sans démolir.

Pouvant être superposées au sol existant, elles constituent une solution rapide, pratique et économique, le tout sans le moindre débris. Elles peuvent être collées ou bien posées à sec, sans colle, grâce à la solution exclusive Slimtech Easy, que la rapidité et la simplicité d'utilisation rendent particulièrement efficace.

## RENOVIEREN OHNE DEMOLIEREN.

---

Dünne Keramikplatten sind ideal zum Renovieren ohne Abbrucharbeiten.

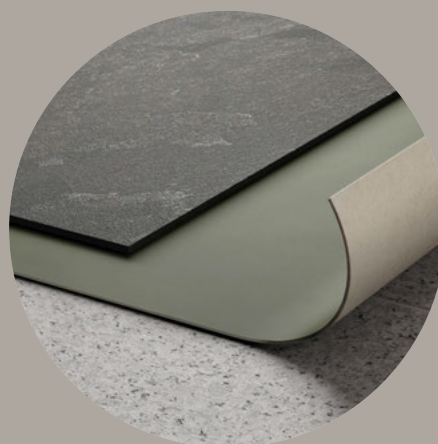
Sie können über dem vorhandenen Bodenbelag verlegt werden: schnell, einfach, kostengünstig und ohne Bauschutt.

Die Verlegung kann mit Kleber erfolgen oder im Trockenbau ohne Kleber mit dem exklusiven System Slimtech Easy.

Diese Methode ist besonders schnell und einfach.



**POSA INCOLLATA**  
**INSTALLATION WITH ADHESIVE**  
**POSE COLLÉE**  
**VERLEGUNG MIT KLEBER**



**POSA SENZA COLLA**  
**INSTALLATION WITHOUT ADHESIVE**  
**POSE SANS COLLE**  
**VERLEGUNG OHNE KLEBER**

Scopri di più / Find out more  
En savoir plus / Mehr zum pag. 384





L2

## GRES PORCELLANATO 20MM PER OUTDOOR.

---

Garantisce infinite soluzioni applicative senza il rischio di rotture ed è ideale per la continuità estetica tra gli ambienti interni e quelli esterni.

Resistente al gelo e agli sbalzi termici, presenta elevate caratteristiche antiscivolo, preserva la materia e il colore inalterati nel tempo ed è facile da pulire.



### 20 MM THICK PORCELAIN STONEWARE FOR OUTDOORS.

---

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

### GRES CERAME DE 20MM D'ÉPAISSEUR POUR L'EXTÉRIEUR.

---

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

### 20 MM DICKES FEINSTEINZEUG FÜR DEN AUSSENBEREICH.

---

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

### Formati / sizes / formats / Formate (cm)



## VANTAGGI / PLUS.

---

- IT**
- 1 Altissima resistenza ai carichi di rottura.
  - 2 Elevata resistenza meccanica.
  - 3 Elevata resistenza allo scivolamento.
  - 4 Resistente al gelo.
  - 5 Resistente al fuoco.
  - 6 Resistente agli sbalzi termici, agli agenti atmosferici, agli acidi, alle muffe e al sale.
  - 7 Eccezionale resistenza alle macchie.
  - 8 Carrabile quando incollato su massetto.
  - 9 Facile da installare, rimuovere e riutilizzare.
  - 10 Facile da pulire.
  - 11 Eterno: materia e colori stabili nel tempo.
  - 12 Ecologico: creato nel rispetto e per la salvaguardia dell'ambiente.
  - 13 Abbinabile ai prodotti da interno per un perfetto coordinamento estetico senza interruzioni.

- FR**
- 1 Résistance extrême aux charges de rupture.
  - 2 Haute résistance mécanique.
  - 3 Haute résistance au glissement.
  - 4 Résistance au gel.
  - 5 Résistance au feu.
  - 6 Résistance aux changements de température, aux intempéries, aux produits acides, à la moisissure et au sel.
  - 7 Résistance exceptionnelle aux taches.
  - 8 Carrossable si posé sur chape.
  - 9 Facile à poser, à enlever et à réutiliser.
  - 10 Facile à entretenir.
  - 11 Durabilité : matériau et couleurs qui restent stables au fil du temps.
  - 12 Écologique : créé dans le respect et pour la protection de l'environnement.
  - 13 Peut être assorti aux produits d'intérieur pour une harmonie esthétique parfaite, sans interruption.

- EN**
- 1 Highly resistant to heavy loads.
  - 2 Superior mechanical strength.
  - 3 High slip resistance.
  - 4 Frost-resistant.
  - 5 Fire resistant.
  - 6 Resistant to thermal shock, atmospheric agents, acids, mould and salt.
  - 7 Exceptional resistance to stains.
  - 8 Resistant to vehicular passage when applied to a screed with adhesives.
  - 9 Easy to install, remove and reuse.
  - 10 Easy to clean.
  - 11 Eternal: the product and its colours are stable over time.
  - 12 Eco-friendly: manufactured in a way which respects and sustains the environment.
  - 13 Can be combined with products for interior spaces seamlessly and without interruptions.

- DE**
- 1 Extrem bruchlastbeständig.
  - 2 Hoher mechanischer Widerstand.
  - 3 Hohe Rutschfestigkeit.
  - 4 Frostbeständig.
  - 5 Feuerbeständig.
  - 6 Beständig gegen Temperaturschwankungen, Witterung, Säuren, Schimmel und Salz.
  - 7 Ausgezeichnete Fleckenbeständigkeit.
  - 8 Auf Estrich verklebt befahrbar.
  - 9 Einfach zu verlegen, zu entfernen und wiederzuverwenden.
  - 10 Einfach zu reinigen.
  - 11 Ewig haltbar: Material und Farben sind auf Dauer stabil.
  - 12 Ökologisch: umweltschonend hergestellt.
  - 13 In perfekter Kontinuität von Innen und Außen mit den Produkten für Innenbereiche kombinierbar.

02.

# The Coll

ections.

# 02a.

**La forza primitiva delle pietre naturali si rinnova sulla materia ceramica con reinterpretazioni inedite ed originali. Grafiche ed attraenti superfici tattili sono il risultato di una rigorosa ricerca materica e di tecnologie all'avanguardia.**

**La force primitive des pierres naturelles se rénove sur la céramique avec des réinterprétations inédites et originales. Le graphisme et les surfaces tactiles attrayantes sont le résultat d'une recherche rigoureuse de la matière et des technologies de pointe.**

**The primitive strength of natural stone is renewed on ceramic material with unique and original reinterpretations. Graphic and attractive tactile surfaces are the result of rigorous material research and cutting-edge technologies.**

**Die Urkraft der Natursteine wird an der Keramikmaterie mit bisher unbekanntem und originellen Neuinterpretationen modernisiert. Graphiken und anziehende „fühlbare“ Oberflächen sind das Ergebnis einer konsequenten Materialforschung und von Hightech.**



# Stone.



**Anthology.**  
40 / 59



**Nextone.**  
60 / 81



**Waterfall.**  
82 / 101



**Cliffstone.**  
102 / 111



**Basaltina Stone Project.**  
and Mauk design Diego Grandi  
112 / 129

stone

05 Dark 60x120 Natural



Lea Ceramiche



# Anthology.





⊠ WALL  
Mosaico Break 01 White Worn

⊠ FLOOR  
01 White 60x60 Worn  
01 White 60x60 Rough





⊕ WALL  
Mosaico Break 01 White Worn

⊕ FLOOR  
01 White 60x60 Worn  
01 White 60x60 Rough

stone



Lea Ceramiche



BACKSPLASH  
Mosaico 36 02 Desert Natural

FLOOR  
02 Desert 60x120 - 60x60 Worn

03 Earth 60x120 Natural







03 Earth 60x120 Natural



stone





03 Earth Natural



03 Earth Rough



03 Earth Worn

stone

WALL  
04 Gray 30x60 Natural  
Muretto 04 Gray Natural

FLOOR  
04 Gray 60x60 Natural

Lea Ceramiche



04 Gray Natural

stone



WALL

04 Gray 30x60 Rough



FLOOR

04 Gray 60x120 Rough L2

04 Gray Rough L2 trims

Lea Ceramiche



stone



05 Dark 60x120 Natural



Lea Ceramiche





05 Dark Natural



05 Dark Worn

Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	RECT 2 mm (INDOOR)
 V3	R9 (Worn) R10 (Natural) R11 (Rough / Rough 20mm)	OUTDOOR 5 mm Approx (*)
 V4	DIN 51097	
01 White 04 Gray	A+B (Natural) A+B+C (Rough / Rough 20mm)	
02 Desert 03 Earth 05 Dark	B.C.R. - TORTUS $\mu > 0,40$	
	ANSI A326.3	
	AS/NZS 4586	
	BS 7976-2	
	DCOF $\geq 0.42$	
	P3 (Natural) P4 (Rough / Rough 20mm)	
	PTV 36+Wet (Sl. 96) (Natural) PTV 36+Wet (Sl. 96 - Sl. 55) (Rough / Rough 20mm)	

(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Imballi

### Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	m <sup>2</sup>	kg	scat.	m <sup>2</sup>	kg
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto	30x60	12"x24"	4	0,72	15,6	30	21,6	468,0
Mosaico Break	29x31	12"x12"	5	0,45	9,8	60	27,0	588,0
Mosaico 36	30x30	12"x12"	5	0,45	9,3	60	27,0	558,0
Gramma 72	14,5x49,8	5 <sup>3/4</sup> "x19 <sup>1/2</sup> "	14	1,01	22,2	32	32,3	710,4
Battiscopa	7,5x60	3 <sup>1/8</sup> "x24"	12	7,2 m.l.	11,6	60	432 m.l.	696,6
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	21,0	16	13,4	336,0
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,3	16	6,7	180,8
Fondo (20mm)	60x120	24"x48"	1	0,72	32,5	32	23,0	1.040,0

# Anthology.



Esplora Anthology su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Anthology on [real.leaceramiche.com](http://real.leaceramiche.com)

Spessore / Thickness / Epaisseur / Stärke  
9,5mm

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 5 Colori / Colors / Couleurs / Farben

01 White    02 Desert    03 Earth    04 Gray    05 Dark



## 3 Formati / Sizes / Formats / Formate <sup>RT</sup>

gres porcellanato



30x60cm  
12"x24"  
natural / worn / rough



60x60cm  
24"x24"  
natural / worn / rough



60x120cm  
24"x48"  
natural / worn / rough

Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



60x120cm\*  
24"x48"  
rough L2\*

## 3 Finiture / Finishes / Surfaces / Oberfläche

### NATURAL



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### WORN



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### ROUGH



esterno  
extérieur  
Außenbereiche

\* Protezione antibatterica non presente  
No antimicrobial protection



## Mosaici

Mosaics / Mosaïques / Mosaik

## Formati speciali

Special sizes / Formats spéciaux / Sonderformate

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

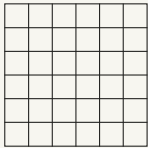
### MURETTO\*

30x60cm / 12"x24"  
natural



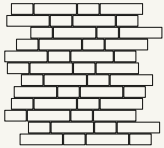
### MOSAICO 16\*

30x30cm / 12"x12"  
natural



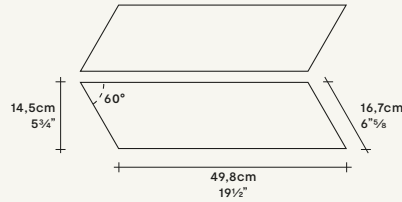
### MOSAICO BREAK\*

29x31cm / 12"x12"  
worn



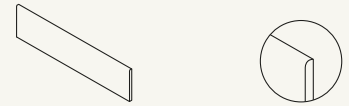
### GRAMMA 72\*

14,5x49,8cm / 5<sup>3</sup>/<sub>4</sub>"x19<sup>1</sup>/<sub>2</sub>" rett  
natural



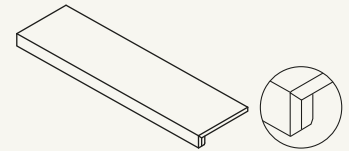
### battiscopa\*

7,5x60cm / 3<sup>1</sup>/<sub>8</sub>"x24" rett  
natural



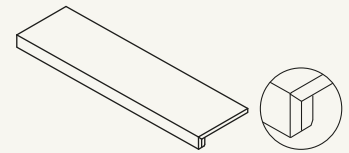
### gradino plus\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
natural / worn / rough



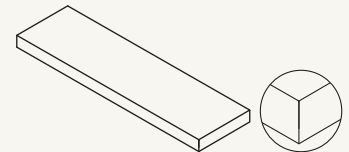
### angolo sx gradino plus\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
natural / worn / rough



### angolo dx gradino plus\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
natural / worn / rough



■ Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme. Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage



WALL  
Gamma 72 05 Dark Natural

FLOOR  
05 Dark 60x60 Natural

stone

⌚  
DESK  
Next Dark 120x260

⌚  
WALL  
Next Gray 120x260  
Graf Next Dark 120x260

⌚  
FLOOR  
Next Gray 120x120

Lea Ceramiche

# Nextone.



stone



WALL  
Mark Next Gray 30x60  
Gamma 72 Next Gray

FLOOR  
Next Gray 60x120 nat





Ⓢ Mark Next Gray 30x60



stone



WALL  
Next Taupe 120x260



FLOOR  
Next Taupe 120x120



stone

⊕ WALL  
Next Taupe 30x60 nat  
Mosaico 144 Next Taupe  
Mosaico Mix Next Taupe

⊕ FLOOR  
Next Taupe 60x60 nat

Lea Ceramiche

⊗ Mosaico Mix Next Taupe



stone



Ⓢ FURNITURE  
Next White 120X260

Ⓢ FLOOR  
Next White 90x90 nat

Lea Ceramiche



WALL  
Next Dark 120x260

FLOOR  
Next Dark 120x120



stone



Next Dark 60x60 lapp



Lea Ceramiche





WALL  
Line Next Dark 30x60

FLOOR  
Dot Next Dark 60x60

stone



Next Gray L2 60x120 grip

Lea Ceramiche



# Nextone.

3-TECH PROJECT

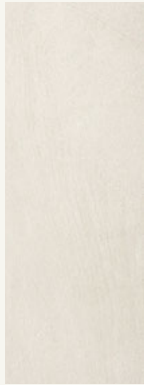


Spessore / Thickness / Epaisseur / Stärke  
6mm

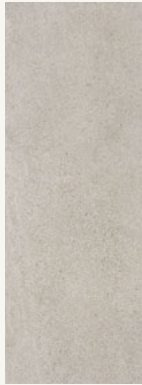
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

Next  
White



Next  
Gray



Next  
Taupe



Next  
Dark

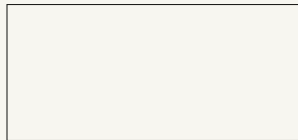


## 2 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

SLIMTECH



120x120cm  
48"x48"



120x260cm  
48"x102"

## 1 Finitura / Finish / Surface / Oberfläche

**NAT**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

Lea Ceramiche



Esplora Nextone su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Nextone on [real.leaceramiche.com](http://real.leaceramiche.com)



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

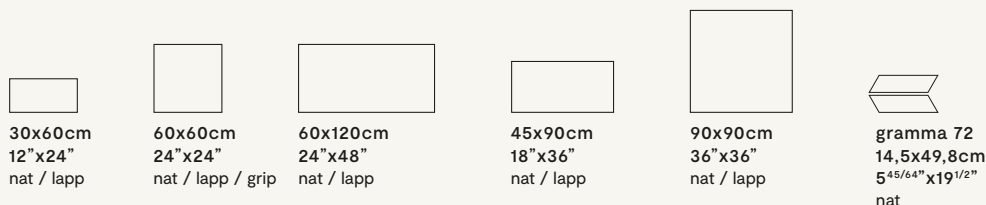
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben



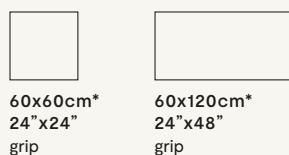
## 6 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

gres porcellanato



Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



## 3 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### LAPP



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### GRIP



esterno  
outdoor  
extérieur  
Außenbereiche

\* Protezione antibatterica non presente  
No antimicrobial protection



**Decori**

Decors / Decors / Dekore

**Graf**

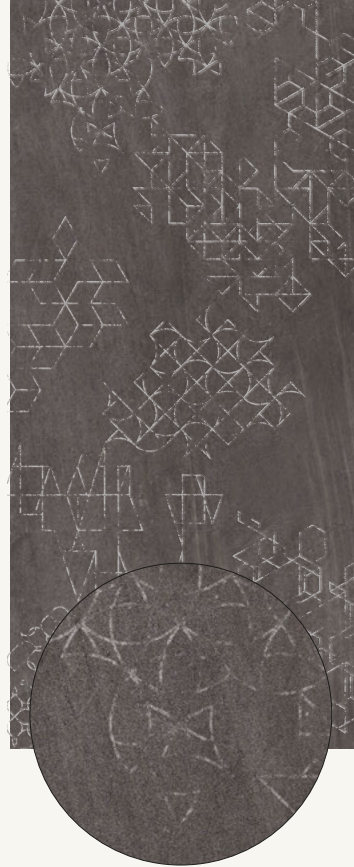
Next Dark A



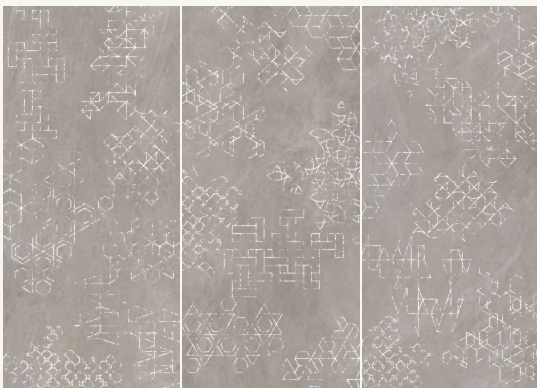
Next Dark B



Next Dark C



Next Gray A - B - C

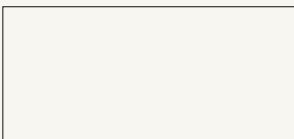


Next Taupe A - B - C



**Formati <sup>RT</sup>**

Sizes / Formats / Formate



120x260cm  
48"x102"

A	B	C
---	---	---



Ⓢ Graf Next Dark 120x260



## Varianti

Variations / Variantes / Varianten

### DOT\*

60x60cm / 24"x24"  
nat



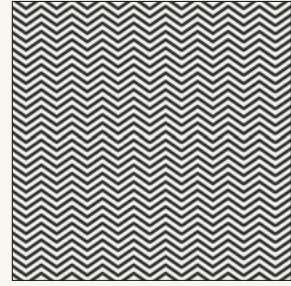
### LINE\*

60x60cm / 24"x24"  
nat

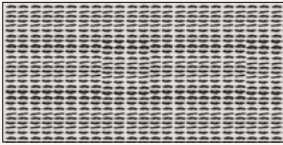


### MARK\*

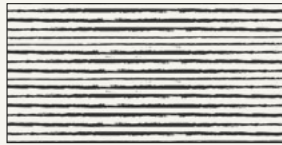
60x60cm / 24"x24"  
nat



30x60cm / 12"x24"  
nat



30x60cm / 12"x24"  
nat



30x60cm / 12"x24"  
nat





## Mosaici

Mosaics / Mosaïques / Mosaik

## Formati speciali

Special sizes / Formats spéciaux / Sonderformate

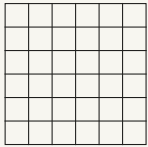
## Pezzi speciali

Trims / Pièces spéciales / Formstücke

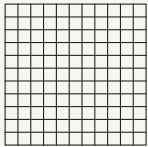
**MURETTO\***  
30x60cm / 12"x24"  
nat



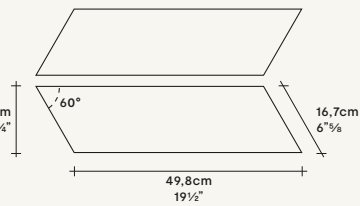
**MOSAICO MIX\*\***  
30x30cm / 12"x12"  
nat



**MOSAICO 144\***  
30x30cm / 12"x12"  
nat



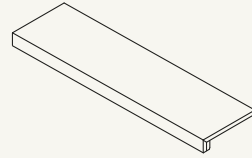
■ **GRAMMA 72\***  
14,5x49,8cm / 5<sup>3/4</sup>"x19<sup>1/2</sup>" rett  
nat



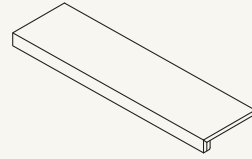
**battiscopa\***  
5,5x60cm / 2<sup>11/64</sup>"x24" rett  
nat / lapp



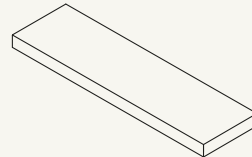
**gradino plus\*\*\***  
35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



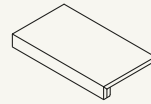
**angolo sx gradino plus\*\*\***  
35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



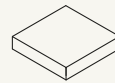
**angolo dx gradino plus\*\*\***  
35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



**gradino plus\*\*\***  
35x60cm / 13<sup>3/4</sup>"x24" rett  
grip



**angolo gradino plus\*\*\***  
35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett  
grip



\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*superfici mixate: nat + dot + line + mark  
superfici mixate: nat + dot + line + mark  
surfaces mixtes: nat + dot + line + mark  
gemischte Oberflächen: nat + dot + line + mark

■ Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme. Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

\*\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

Gres porcellanato laminato UGL  
Laminated porcelain stoneware UGL  
Grès cérame laminé UGL  
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$ (Nat)	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$ (Nat)	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	44,0	18	56,2	792,0
Fondo	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Decoro Graf	120x260	48"x102"	1	3,12	44,0	18	56,2	792,0

Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1 	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.
	ANSI A326.3	DCOF $\geq 0.42$	
	AS/NZS 4586:2013	P3 (Nat) P4 (Grip - 20mm)	
	BS 7976:2002	PTV 36+ WET (SI.96) (Nat) PTV 36+ WET (SI.96 - SI.55) (Grip - 20mm)	

## Imballi

### Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Fondo	45x90	18"x36"	3	1,22	25,2	36	43,7	907,2
Fondo Gramma 72	49,8x16,9	19 <sup>1/2</sup> "x6 <sup>5/8</sup> "	14	1,01	21,9	32	32,3	699,2
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico Mix	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico 144	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	5,5x60	2 <sup>11/64</sup> "x24"	12	7,2 m.l.	8,1	50	360 m.l.	404,7
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,0	64	26,9	705,3
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,8	16	6,7	188,5
Gradino plus	35x60	13 <sup>3/4</sup> "x24"	2	0,42	10,1	32	13,4	322,2
Angolo gradino plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	6,4	36	8,8	229,1
Fondo (20mm)	60x60	24"x24"	2	0,72	32,5	32	23,0	1.040,0
Fondo (20mm)	60x120	24"x48"	1	0,72	32,5	32	23,0	1.040,0

stone



Lea Ceramiche

# Waterfall.



WALL  
Dark Flow 100x300  
Ivory Flow 100x300

FLOOR  
Gray Flow 100x100

stone



 FLOOR - WALL  
Silver Flow 100x300

Lea Ceramiche



WALL  
Dark Flow 100x300

FLOOR  
Gray Flow 100x100

stone

Dark Flow 60x60 lapp

Lea Ceramiche







⊕ WALL  
Dark Flow 30x60 lapp  
Mosaico 36 Dark Flow lapp

⊕ FLOOR  
Dark Flow 60x60 lapp

⊗ CHEVRON / Gray Flow Gramma 72 nat





WALL  
Brick Gray Flow lapp

FLOOR  
Silver Flow 60x120 nat

stone



WALL  
NEST Ivory Flow  
ettagono - triangolo L25



FLOOR  
Dark Flow 60x120 lapp



Ⓢ BASKET / Silver Flow Gramma 16 dx nat  
Dark Flow Gramma 66 sx nat



stone



WALL  
Muretto 3D Ivory Flow lapp


FLOOR  
Ivory Flow 90x90 nat



◊ Ivory Flow 90x90 nat

stone



 Ivory Flow L2 45x90 grip  
Gray Flow L2 trims grip

Lea Ceramiche





# Waterfall.

3-TECH PROJECT



Spessore / Thickness / Epaisseur / Stärke  
5,5mm → slimtech 5plus

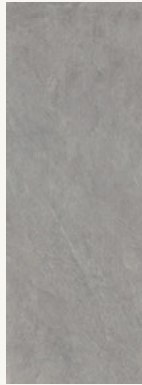
**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

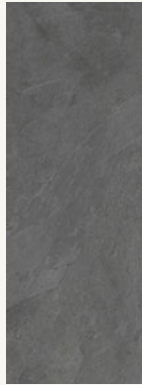
Ivory  
Flow



Silver  
Flow



Gray  
Flow



Dark  
Flow



## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

**S<sup>5plus</sup> LIMTECH**



50x100cm  
19<sup>1</sup>/<sub>2</sub>"x39"  
slimtech 5plus



100x100cm  
39"x39"  
slimtech 5plus



100x300cm  
39"x118"  
slimtech 5plus

## 1 Finitura / Finish / Surface / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen



Esplora Waterfall su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Waterfall on [real.leaceramiche.com](http://real.leaceramiche.com)



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben



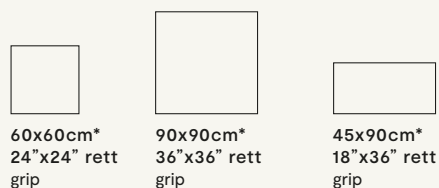
## 8 Formati / Sizes / Formats / Formate <sup>RT</sup>

gres porcellanato



Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



## 3 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### LAPP



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### GRIP



esterno  
outdoor  
extérieur  
Außenbereiche

\* Protezione antibatterica non presente  
No antimicrobial protection



## Mosaici

Mosaics / Mosaïques / Mosaik

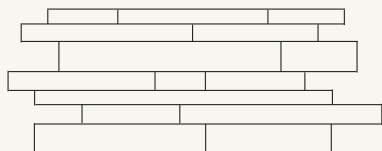
## Formati speciali

Special sizes / Formats spéciaux / Sonderformate

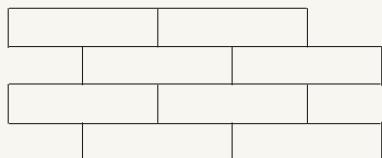
## Pezzi speciali

Trims / Pièces spéciales / Formstücke

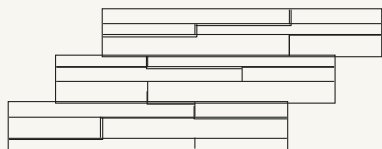
**MURETTO\***  
30x60cm / 12"x24" rett  
nat / lapp



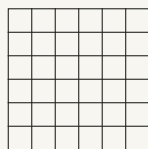
**BRICK\***  
30x60cm / 12"x24" rett  
nat / lapp



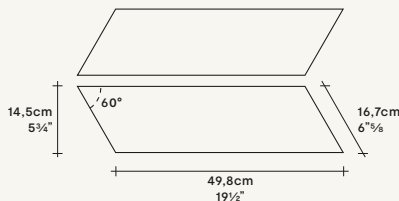
**MURETTO 3D\***  
30x60cm / 12"x24" rett  
nat / lapp



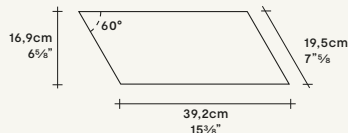
**MOSAICO 36\***  
30x30cm / 12"x12" rett  
nat / lapp



■ **GRAMMA 72\***  
14,5x49,8cm / 5<sup>3</sup>/<sub>4</sub>"x19<sup>1</sup>/<sub>2</sub>" rett  
nat



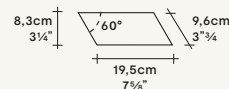
■ **GRAMMA 66 SX\***  
16,9x39,2cm / 6<sup>5</sup>/<sub>8</sub>"x15<sup>3</sup>/<sub>8</sub>" rett  
nat



■ **GRAMMA 66 DX\***  
16,9x39,2cm / 6<sup>5</sup>/<sub>8</sub>"x15<sup>3</sup>/<sub>8</sub>" rett  
nat



■ **GRAMMA 16 SX\***  
8,3x19,5cm / 3<sup>1</sup>/<sub>4</sub>"x7<sup>5</sup>/<sub>8</sub>" rett  
nat



■ **GRAMMA 16 DX\***  
8,3x19,5cm / 3<sup>1</sup>/<sub>4</sub>"x7<sup>5</sup>/<sub>8</sub>" rett  
nat



■ **Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.**

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

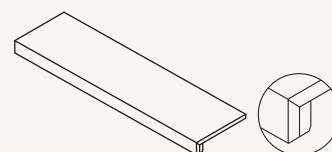
Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

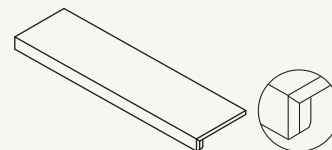
**battiscopa\***  
10x60cm / 4"x24" rett  
nat / lapp



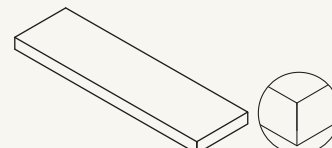
**gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lapp



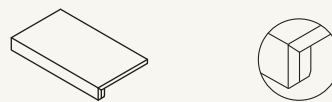
**angolo sx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lapp



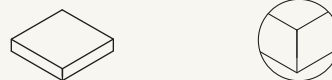
**angolo dx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lapp



**gradino plus\*\***  
35x60cm / 13<sup>3</sup>/<sub>4</sub>"x24" rett  
grip



**angolo gradino plus\*\***  
35x35cm / 13<sup>3</sup>/<sub>4</sub>"x13<sup>3</sup>/<sub>4</sub>" rett  
grip



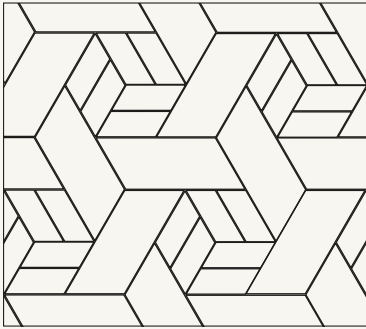
\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

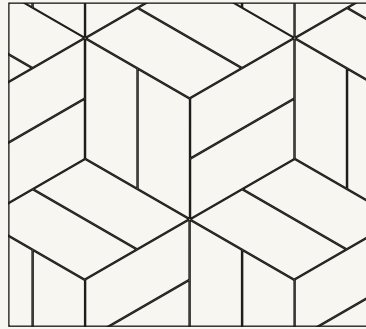
## Composizioni a moduli sfusi

Tile layouts in loose modules / Compositions en modules en vrac / Kompositionen mit Einzelmodulen

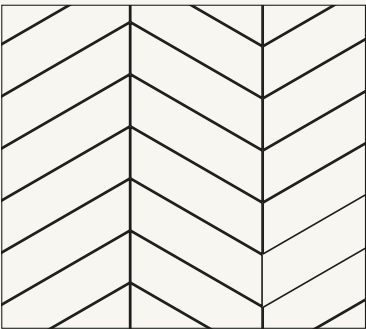
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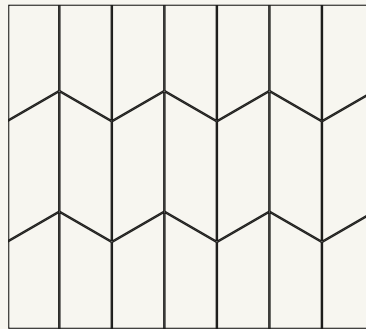
■ BASKET Gramma 66 SX 67%  
Gramma 16 DX 33%



■ TWIST Gramma 66 DX 100%



■ CHEVRON Gramma 72 100%



■ ARROW Gramma 66 DX 50% - SX 50%

Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu >0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$	OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Fondo 5plus	50x100	19 <sup>1/2</sup> "x39"	3	1,50	18,9	32	48,0	604,8

Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
 ANSI A137.1	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS	$\mu >0,40$ (Nat - Grip - 20mm)	
	ANSI A326.3	DCOF $\geq 0.42$ (Nat - Grip - 20mm)	
	AS/NZS 4586	P3 (Nat) / P4 (Grip - 20mm)	
	BS 7976-2	PTV 36+Wet (SI.96) (Nat) PTV 36+ WET (SI.96 - SI.55) (Grip - 20mm)	

(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola					Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	32,1	36	51,8	1.156,3
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Fondo	45x90	18"x36"	3	1,22	25,2	36	43,7	907,2
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Muretto 3d	30x60	12"x24"	4	0,68	15,7	30	20,5	471,0
Brick	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 36	30x30	12"x12"	5	0,45	9,3	60	27,0	558,0
Gamma 72	49.8x14.5	19 <sup>1/2</sup> "x5 <sup>3/4</sup> "	14	1,01	22,2	32	32,3	710,4
Gamma 66	39.2x16.9	15 <sup>3/8</sup> "x6 <sup>5/8</sup> "	10	0,66	14,9	40	26,4	597,1
Gamma 16	19.5x8.3	7 <sup>5/8</sup> "x3 <sup>1/4</sup> "	14	0,22	5,1	80	17,9	405,3
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,9	60	432 m.l.	954,0
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	21,0	16	13,4	335,8
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,2	16	6,7	179,5
Gradino plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	19,2	16	13,4	306,9
Angolo gradino plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	6,1	36	8,8	218,2
Fondo (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0
Fondo (20mm)	45x90	18"x36"	2	0,81	36,2	24	19,4	869,5
Fondo (20mm)	60x60	24"x24"	2	0,72	32,5	32	23,0	1.040,0

stone



White Dover 90x90 lapp

Lea Ceramiche



# Cliffstone.



stone



FLOOR  
Taupe Moher 60x120 nat

Lea Ceramiche



FLOOR  
Beige Madeira 60x60 / 30x60 nat

stone

⊕ FLOOR  
Grey Tenerife 60x60 nat




Lea Ceramiche

⊕ WALL  
Grey Tenerife 60x60 / 30x60 nat

⊕ FLOOR  
Grey Tenerife 60x60 nat



Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	B.C.R. - TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	
	ANSI A326.3	DCOF $\geq 0.42$	
	AS/NZS 4586	P3 (Nat) P4 (Grip - 20mm)	
	BS 7976-2	PTV 36+Wet (Sl.96) (Nat) PTV 36+ WET (Sl.96 - Sl.55) (Grip - 20mm)	
			(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Decision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

## Imballi

### Packing / Emballage / Verpackung

Articolo	Scatola		Pallet					
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 16	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,7	60	432 m.l.	942,0
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	22,0	16	13,4	352,6
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,8	16	6,7	188,5
Gradino plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	20,1	16	13,4	322,2
Angolo gradino plus	35x35	13 <sup>3/4</sup> "x 13 <sup>3/4</sup> "	2	0,25	6,4	36	8,8	229,1
Fondo (20mm)	60x60	24"x24"	2	0,72	33,6	32	23,0	1.075,2

# Cliffstone.



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

White  
Dover



Beige  
Madeira



Taupe  
Moher



Grey  
Tenerife



## 4 Formati / Sizes / Formats / Formate <sup>RT</sup>

gres porcellanato



30x60cm  
12"x24"  
lapp / nat



60x60cm  
24"x24"  
lapp / nat / grip\*\*



60x120cm  
24"x48"  
lapp / nat



\*90x90cm  
36"x36"  
lapp / nat

\*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:  
White Dover

Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



60x60cm\*\*  
24"x24"  
grip

## 3 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### LAPP



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### GRIP



esterno  
outdoor  
extérieur  
Außenbereiche

\*\* Protezione antibatterica non presente  
No antimicrobial protection



## Mosaici

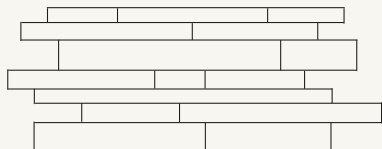
Mosaics / Mosaïques / Mosaik

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

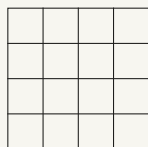
### MURETTO\*

30x60cm / 12"x24"  
lapp



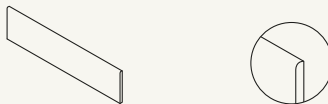
### MOSAICO 16\*

30x30cm / 12"x12"  
lapp



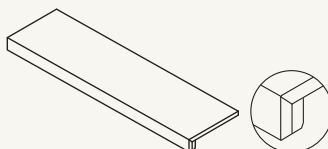
### battiscopa\*

10x60cm / 4"x24" rett  
nat / lapp



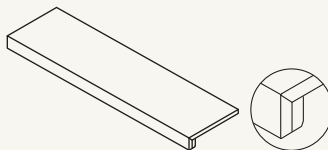
### gradino plus\*\*

35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



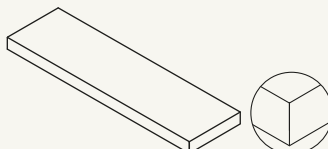
### angolo sx gradino plus\*\*

35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



### angolo dx gradino plus\*\*

35x120cm / 13<sup>3/4</sup>"x48" rett  
nat / lapp



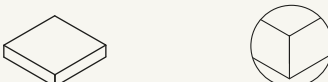
### gradino plus\*\*

35x60cm / 13<sup>3/4</sup>"x24" rett  
grip



### angolo gradino plus\*\*

35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett  
grip



\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage





FLOOR  
Beige Madeira L2 60x60 gr1p

stone

WALL  
Naturale 100x300

FLOOR  
Naturale 100x100

Lea Ceramiche

# Basaltina Stone Project.

and Mauk design Diego Grandi



stone



WALL  
Sabbiata 100x300





FLOOR  
Sabbiata Velvet 60x120



stone



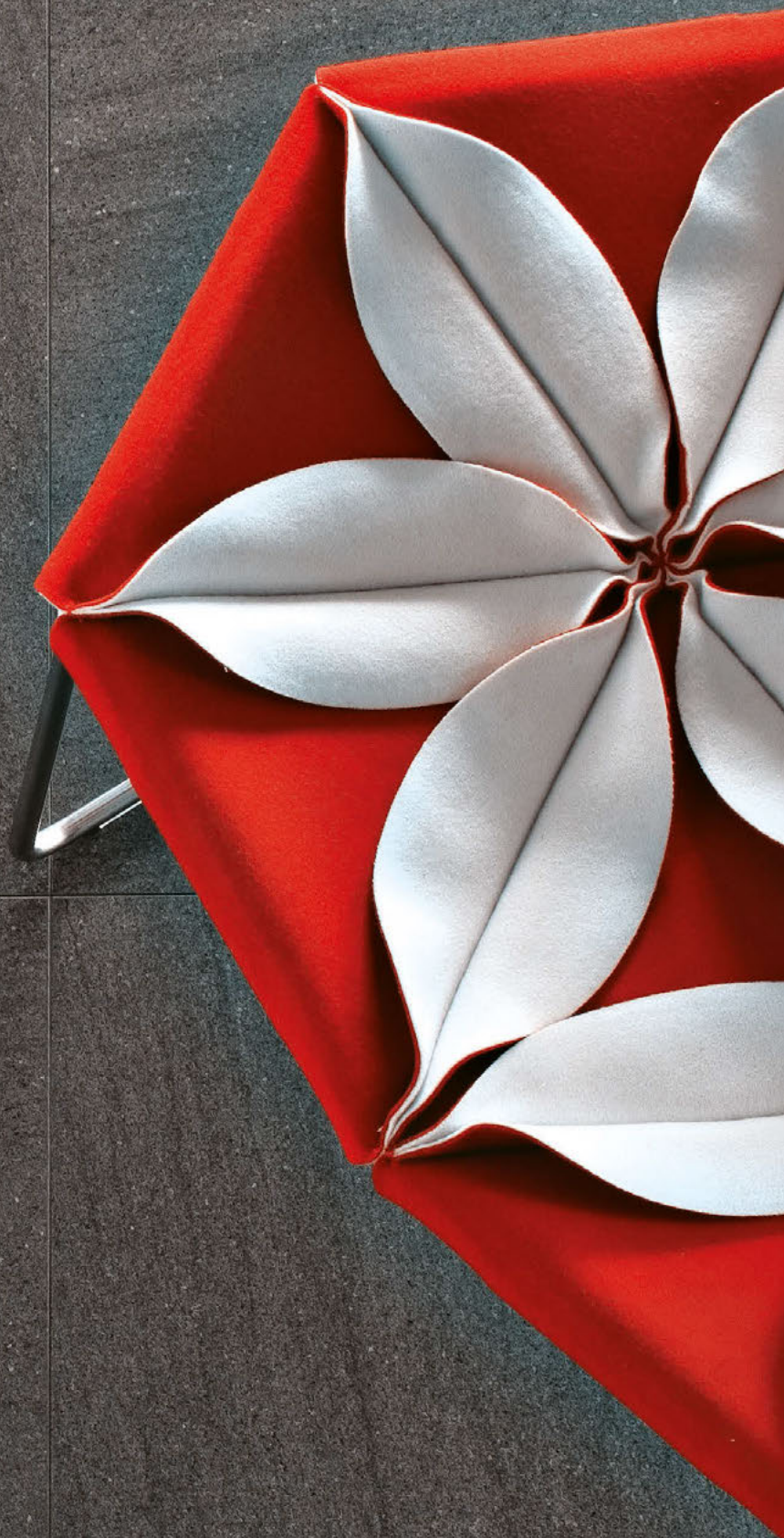
 WALL  
Stuccata 100x300  
Naturale 50x100

 FLOOR  
Stuccata 100x100  
Naturale 100x100





stone



Stuccata 60x60


Lea Ceramiche





stone



 Mauk Cuadra

Lea Ceramiche

# Mauk.

design Diego Grandi



stone



 Mauk Spina

Lea Ceramiche



# Decori

Decors / Decors / Dekore

Mauk design Diego Grandi

## Cuadra



Sabbiata



Naturale

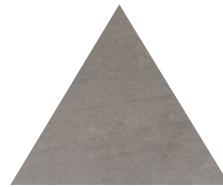


Stuccata

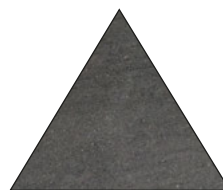
## Esa



Sabbiata



Naturale



Stuccata

## Spina



Sabbiata



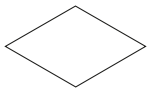
Naturale



Stuccata

## Formati <sup>RT</sup>

Sizes / Formats / Formate



Cuadra  
L 57,6cm / 22<sup>5/8</sup>"



Esa  
L 38,5cm / 15<sup>1/8</sup>"



Spina  
Base maggiore  
26,0cm / 10<sup>1/8</sup>"

Base minore  
13,5cm / 5<sup>3/8</sup>"

Lati  
8,8cm / 3<sup>3/8</sup>"



# Basaltina Stone Project.

and Mauk design Diego Grandi



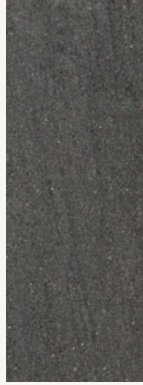
Spessore / Thickness / Epaisseur / Stärke  
3,5mm → slimtech 3plus

3 Colori / Colors / Couleurs / Farben

Sabbiata

Naturale

Stuccata



7 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

 SLIMTECH



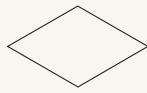
Spina  
Base maggiore  
26,0cm / 10<sup>1/8</sup>"

Base minore  
13,5cm / 5<sup>3/8</sup>"

Lati  
8,8cm / 3<sup>3/8</sup>"



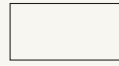
Esa  
L 38,5cm / 15<sup>1/8</sup>"



Cuadra  
L 57,6cm / 22<sup>5/8</sup>"



4,9x100cm  
2"x39"



50x100cm  
19<sup>1/2</sup>"x39"



100x100cm  
39"x39"



100x300cm  
39"x118"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

Lea Ceramiche



Spessore / Thickness / Epaisseur / Stärke  
11mm (30x60 - 60x60) / 12mm (60x120)

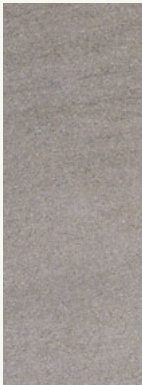
### 3 Colori / Colors / Couleurs / Farben

---

Sabbiata Velvet


Naturale

Stuccata



### 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

---

 gres porcellanato



30x60cm  
12"x24"



60x60cm  
24"x24"



60x120cm  
24"x48"

### 1 Finitura / Finish / Surface / Oberfläche

---

#### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen



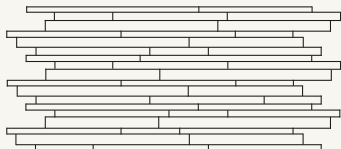
## Mosaici

Mosaics / Mosaïques / Mosaik

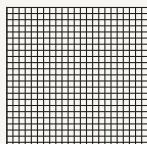
## Pezzi speciali

Trims / Pièces spéciales / Formstücke

**MURETTO\***  
30x60cm / 12"x24"



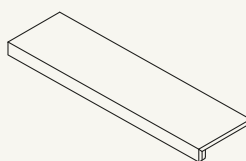
**MOSAICO 1\***  
28,5x28,5cm / 11<sup>1</sup>/<sub>4</sub>"x11<sup>1</sup>/<sub>4</sub>"



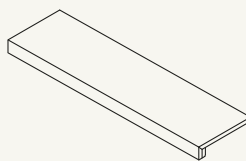
**battiscopa\***  
10x60cm / 4"x24" rett



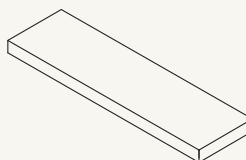
**gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



**angolo sx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



**angolo dx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



**raccordo jolly\*\***  
1,3x30cm / 1/2"x12" rett



**beak jolly\*\***  
1,3x1,3cm / 1/2"x1/2" rett



\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*Su richiesta / Upon request / Sur demande / auf Anfrage






Ⓢ Ⓞ  
Naturale 30x60  
Sabbia 60x60

Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19½"x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2
Cuadra 3plus	57,6	22½"	6	1,73	15,5	5	8,6	77,5
Esa 3plus	38,5	15½"	12	0,77	6,4	20	15,4	127,0
Spina 3plus	26,0x13,5x8,8	10½"x5½"x3¾"	15	0,18	1,5	80	14,8	120,0

Gres tutta massa UGL  
 Full-body porcelain UGL  
 Grès Cérame pleine masse UGL  
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10 BCR-TORTUS $\mu > 0,40$ ANSI A326.3 DCOF $\geq 0.42$	RECT 2 mm (INDOOR)  OUTDOOR 5-6 mm Approx (*)



(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
 Decision by the Construction Manager / National Laying Standards  
 Décision établie par la Direction des Travaux / Codes de Pose  
 Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
 nationalen Vorschriften getroffen.

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	40,8	15	21,6	612,0
Fondo	60x60	24"x24"	4	1,44	35,0	24	34,6	840,0
Fondo	30x60	12"x24"	8	1,44	34,9	32	46,1	1.116,8
Mosaico 1	28,5x28,5	11 <sup>1/4</sup> "x11 <sup>1/4</sup> "	5	0,41	7,8	48	19,5	372,0
Muretto	30x60	12"x24"	4	0,72	15,2	30	21,6	456,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	18,0	55	396 m.l.	990,0
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	23,2	16	13,4	371,2
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	13,5	16	6,7	216,0
Raccordo jolly	1,3x30	1/2"x12"	8	0,03	0,3	-	-	-
Beak	1,3x1,3	1/2"x1/2"	4	-	-	-	-	-

# 02b.

**La memoria delle essenze marmoree, con la monumentale bellezza delle venature, prende vita attraverso le superfici ceramiche e restituisce una nuova materia dal forte valore espressivo ed emozionale.**

**La mémoire des types de marbres, avec la beauté monumentale des marbrures, prend vie grâce aux surfaces céramiques et redonne un nouveau matériau à forte valeur expressive et émotionnelle.**

**The memory of marble essences with the monumental beauty of grains comes to life through ceramic surfaces and results in a new material with a strong expressive and emotional value.**

**Die Erinnerung an die Marmorsorten mit der unbeschreiblichen Schönheit der Maserungen erwacht durch die Keramikflächen zu neuem Leben und gibt ein sehr ausdrucksstarkes und emotionales Material zurück.**

# Marble.



**Synesthesia.**  
132 / 143



**Delight.**  
144 / 165



**Timeless Marble.**  
and Filigrane design Philippe Nigro  
166 / 183



**Dreaming.**  
184 / 197

marble

Ⓢ WALL  
Pure Statuario lev

Ⓢ FLOOR  
Pure Statuario lev

Lea Ceramiche

# Synesthesia.



Ⓢ FLOOR  
Calacatta Emerald lev

Ⓢ WALL  
Calacatta Emerald lev







Ⓢ WALL  
Calacatta Emerald lev

Ⓢ FLOOR  
Calacatta Emerald lev

marble



Ⓢ  
WALL  
Gray Marble lev

Ⓢ  
FLOOR  
Gray Marble lev

Lea Ceramiche



marble



WALL  
Chain Golden Borg le



FLOOR  
Golden Borg lev

Lea Ceramiche



WALL  
Butterfly Golden Borg lev

FLOOR  
Golden Borg lev

Gres porcellanato laminato UGL  
 Laminated porcelain stoneware UGL  
 Grès cérame laminé UGL  
 Laminiertes Feinsteinzeug UGL

## Stonalizzazione

Shading / Denuançage /  
 Spielfarbig

ANSI A137.3



## Fuga minima consigliata

Minimum suggested joint /  
 Joint minimum conseillé /  
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand  
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden  
 2 mm (INDOOR)

OUTDOOR  
 Vedi Manuale Tecnico Slimtech /  
 See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo			Scatola			Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	3	2,16	30,3	16	34,6	484,8
Fondo	120x120	48"x48"	2	2,88	39,8	25	72,0	995,0
Fondo	120x278	48"x109"	1	3,34	47,0	18	60,0	846,0
Butterfly - Chain	120x278	48"x109"	1	3,34	47,0	18	60,0	846,0

# Synesthesia.



Esplora Synesthesia su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Synesthesia on [real.leaceramiche.com](http://real.leaceramiche.com)

Spessore / Thickness / Epaisseur / Stärke  
6mm

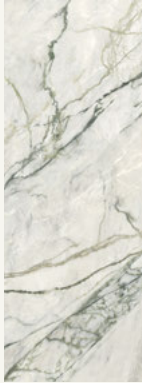
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

Golden  
Borg



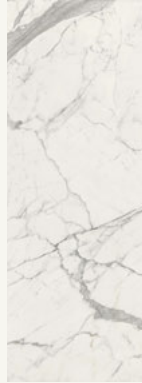
Calacatta  
Emerald



Gray  
Marble



Pure  
Statuario



## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

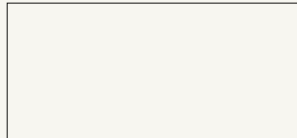
**LIMTECH**



60x120cm  
24"x48"  
lev / smooth



120x120cm  
48"x48"  
lev / smooth



120x278cm  
48"x109"  
lev / smooth

## 2 Finiture / Finishes / Surfaces / Oberfläche

### LEV



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

### SMOOTH



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



## Decori

Decors / Decors / Dekore

### Chain 120x278cm 48"x109"

Golden Borg Lev A



Golden Borg Lev B



Golden Borg Lev C



Golden Borg Lev D



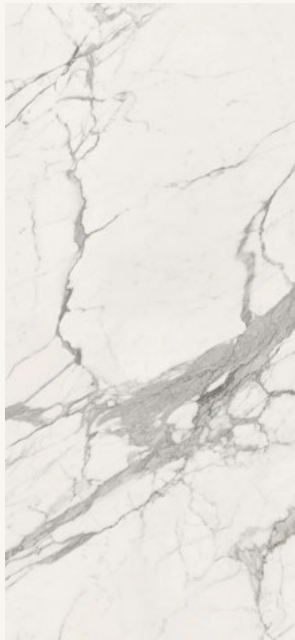
Pure Statuario Lev A



Pure Statuario Lev B



Pure Statuario Lev C



Pure Statuario Lev D



L'immagine è puramente indicativa. La grafica di CHAIN può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale. Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative. The graphic design of CHAIN may result in discontinuities in the veining between panels, as with the natural material. Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif. Le graphisme de CHAIN peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel. Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ. Die Grafik CHAIN kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen. Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.

A	B	C	D
---	---	---	---

Acquistabile solo a composizione completa. / Can only be purchased as a complete composition. / Cette composition ne peut être vendue séparément, mais en un ensemble unique. / Nur in voller Zusammensetzung erhältlich.



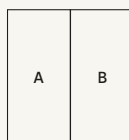
## Decori

Decors / Decors / Dekore

### Butterfly 120x278cm 48"x109"

Golden Borg Lev A

Golden Borg Lev B



L'immagine è puramente indicativa. La grafica di BUTTERFLY può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale. Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative. The graphic design of BUTTERFLY may result in discontinuities in the veining between panels, as with the natural material. Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif. Le graphisme de BUTTERFLY peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel. Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ. Die Grafik BUTTERFLY kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen. Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.

marble

Ⓢ  
DESK  
Marquina Nero lev

Ⓢ  
WALL  
Butterfly Venato Bianco 120x260 lev

Ⓢ  
FLOOR  
Venato Bianco 120x260 nat

Lea Ceramiche

# Delight.



marble

Ⓢ Venato Bianco 120x260 nat



Lea Ceramiche



WALL

Joy Venato Bianco 30x60 lux  
Venato Bianco 120x260 lev



FLOOR

Venato Bianco 88x88 lux



marble



Lea Ceramiche



Marquina Nero 120x260 lev



marble

WALL  
Mosaico 36 Marquina Nero lux

FLOOR  
Mosaico 36 Marquina Nero nat



Lea Ceramiche





Ⓢ WALL  
Marquina Nero nat

Ⓢ FLOOR  
Marquina Nero lev

marble



WALL

Butterfly Calacatta Oro 120x260 lev



FLOOR

Calacatta Oro 120x120 nat

Lea Ceramiche



Ⓢ WALL Calacatta Oro touch  
Ⓢ FLOOR Calacatta Oro lev



marble



TABLE  
Calacatta Oro 120x260 touch



FLOOR  
Calacatta Oro 90x90 nat



Lea Ceramiche



Calacatta Oro 90x90 nat

marble



WALL

Invisible Light 12 x 250 rev



FLOOR

Invisible Light 60x120 lux

WALL  
Invisible Light 120x260 touch

FLOOR  
Invisible Light 120x120 nat



# Delight.



Spessore / Thickness / Epaisseur / Stärke  
6mm

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

Calacatta  
Oro



Venato  
Bianco



Invisible  
Light



Marquina  
Nero

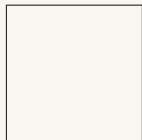


## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

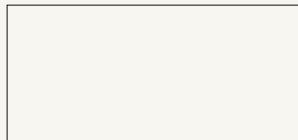
**(S) LIMTECH**



60x120cm  
24"x48"  
nat / lev / touch



120x120cm  
48"x48"  
nat / lev / touch



120x260cm  
48"x102"  
nat / lev / touch

## 3 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### LEV



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

### TOUCH



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen





Esplora Delight su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Delight on [real.leaceramiche.com](http://real.leaceramiche.com)

Spessore / Thickness / Epaisseur / Stärke  
9,5mm

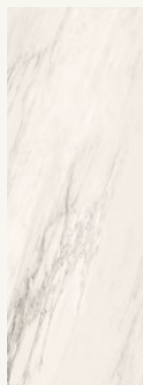
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

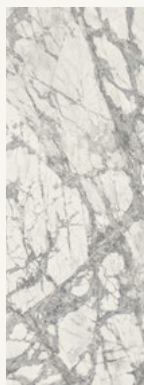
Calacatta  
Oro



Venato  
Bianco



Invisibile  
Light



Marquina  
Nero



## 4 Formati / Sizes / Formats / Formate <sup>LR<sup>1</sup></sup>

gres porcellanato



30x60cm  
12"x24"  
nat / lux



60x60cm  
24"x24"  
nat / lux



60x120cm  
24"x48"  
nat / lux



90x90cm  
36"x36"  
nat

88x88cm  
34<sup>5</sup>/<sub>8</sub>"x34<sup>5</sup>/<sub>8</sub>"  
lux

## 2 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### LUX



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

marble



WALL  
Chain Calacatta Oro 120x260 lev



FLOOR  
Calacatta Oro 120x120 lev



Lea Ceramiche



## Decori

Decors / Decors / Dekore

### Chain 120x260cm 48"x102"

Calacatta Oro Lev A



Calacatta Oro Lev B



Calacatta Oro Lev C



Calacatta Oro Lev D



Acquistabile solo a composizione completa. / Can only be purchased as a complete composition. / Cette composition ne peut être vendue séparément, mais en un ensemble unique. / Nur in voller Zusammensetzung erhältlich.

A	B	C	D
---	---	---	---

### Butterfly 120x260cm 48"x102"

Calacatta Oro Lev A



Calacatta Oro Lev B



Venato Bianco Lev A



Venato Bianco Lev B



L'immagine è puramente indicativa. La grafica di CHAIN e BUTTERFLY può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale. Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative. The graphic design of CHAIN and BUTTERFLY may result in discontinuities in the veining between panels, as with the natural material. Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif. Le graphisme de CHAIN et BUTTERFLY peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel. Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ. Die Grafik CHAIN und BUTTERFLY kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen. Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.

A	B
---	---

marble



WALL

Joy Venato Bianco 30x60 lux



FLOOR

Venato Bianco 88x88 lux



Lea Ceramiche



# Decor

Decors / Articles / Dekore

# Mosaici

Mosaics / Mosaïques / Mosaik

## JOY

Calacatta Oro  
30x60cm / 12"x24"  
lux



## CHIC

Calacatta Oro  
30x60cm / 12"x24"  
lux



## MOSAICO 36

Calacatta Oro  
30x30cm / 12"x12"  
nat / lux



## MOSAICO CODE

Mar\_Cal  
30x30cm / 12"x12"  
lux



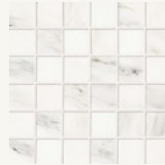
Venato Bianco  
30x60cm / 12"x24"  
lux



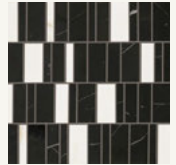
Venato Bianco  
30x60cm / 12"x24"  
lux



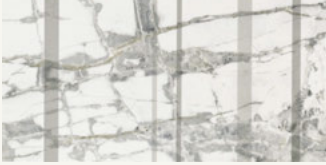
Venato Bianco  
30x30cm / 12"x12"  
nat / lux



Mar\_Ven  
30x30cm / 12"x12"  
lux



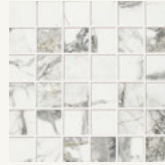
Invisible Light  
30x60cm / 12"x24"  
lux



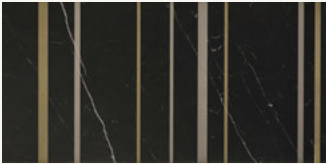
Invisible Light  
30x60cm / 12"x24"  
lux



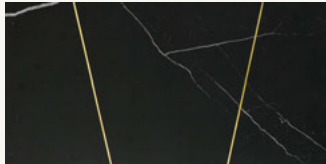
Invisible Light  
30x30cm / 12"x12"  
nat / lux



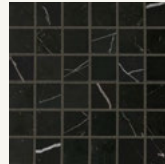
Marquina Nero  
30x60cm / 12"x24"  
lux



Marquina Nero  
30x60cm / 12"x24"  
lux




Marquina Nero  
30x30cm / 12"x12"  
nat / lux



Gres porcellanato laminato UGL  
Laminated porcelain stoneware UGL  
Grès cérame laminé UGL  
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9 (Nat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$ (Nat)	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$ (Nat)	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual


## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	43,1	18	56,2	775,8
Fondo	120x120	48"x48"	2	2,88	39,8	25	72,0	995,0
Fondo	60x120	24"x48"	3	2,16	30,3	16	34,6	484,8
Butterfly - Chain	120x260	48"x102"	1	3,12	43,1	18	56,2	775,8

Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

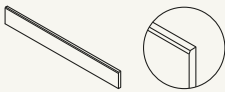


Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	R9 (Nat)	RECT 2 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$ (Nat)	OUTDOOR 5 mm Approx (*)
	ANSI A326.3	DCOF $\geq 0.42$ (Nat)	
	AS/NZS 4586:2013	P3 (Nat)	
	BS 7976-2	PTV 36+ WET (SI.96) (Nat)	
			(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

## Pezzi speciali

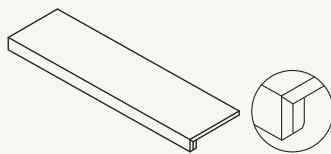
Trims / Pièces spéciales / Formstücke

**battiscopa\***  
5,5x60cm / 2<sup>11</sup>/<sub>64</sub>"x24" rett  
nat / lux



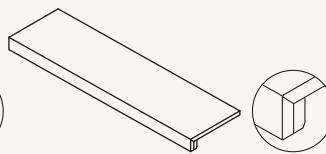
\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

**gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lux

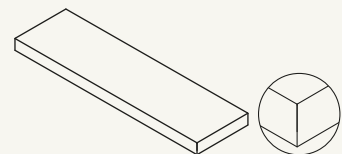


\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

**angolo sx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lux



**angolo dx gradino plus\*\***  
35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett  
nat / lux



## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	88x88	34 <sup>5</sup> / <sub>8</sub> "x34 <sup>5</sup> / <sub>8</sub> "	2	1,55	33,6	25	38,7	840,0
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Chic	30x60	12"x24"	5	0,90	19,5	-	-	-
Joy	30x60	12"x24"	4	0,72	15,7	-	-	-
Mosaico 36	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico Code	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	5,5x60	2 <sup>11</sup> / <sub>64</sub> "x24"	12	7,2 m.l.	8,5	50	360 m.l.	426,0
Gradino plus	35x120	13 <sup>3</sup> / <sub>4</sub> "x48"	2	0,84	22,0	16	13,4	352,6
Angolo gradino plus	35x120	13 <sup>3</sup> / <sub>4</sub> "x48"	1	0,42	11,8	16	6,7	188,5

marble



WALL  
Pietra Gray 100x300 sat

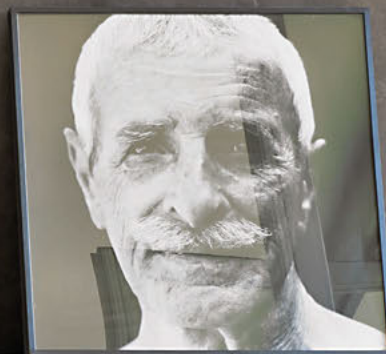


FLOOR  
Pietra Gray 100x300 lev



# Timeless Marble.

and Filigrane design Philippe Nigro



marble

Ⓢ Lasa Bright 100x300 lev



Lea Ceramiche



WALL  
Lasa Bright 100x300 lev

FLOOR  
Lasa Bright 100x100 lev



marble



WALL  
Onice Venus 100x300 lev



FLOOR  
Onice Venus 100x100 lev



Lea Ceramiche

Onice Venus lev



marble



Safari Amante 50x150 lev



Lea Ceramiche



marble



WALL  
Calacatta Gold Extra 100x300 lev

FLOOR  
Calacatta Gold Extra 100x100 lev





Statuario White 100x300 lev



TOKYO  
PARIS  
NEW YORK  
ROME



marble

 Hyphen Pietra Gray 100x300 sat

Lea Ceramiche




# Filigrane.

design Philippe Nigro



marble



 Hyphen Pietra Gray 100x300 sat

Lea Ceramiche



# Decori

Decors / Decors / Dekore

# Filigrane design Philippe Nigro

## Award



archproducts  
DESIGN AWARDS

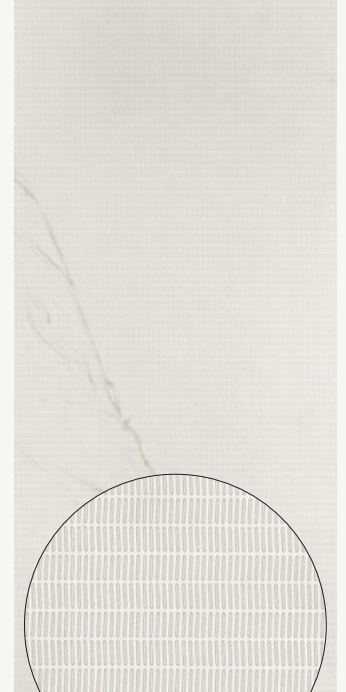
## Pearl

Statuario White



## Hyphen

Statuario White



## Formati <sup>RT</sup>

Sizes / Formats / Formate

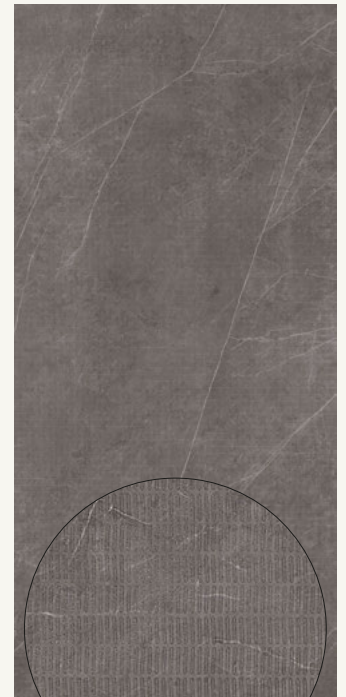


100x300cm  
39"x118"

## Pietra Gray



## Pietra Gray



## Finiture

Finishes / Surfaces / Oberfläche

SAT



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	ANSI A326.3      DCOF $\geq$ 0.42 (Sat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
		Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
		OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300*	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Fondo 5plus	50x150	19½"x59"	2	1,50	17,5	32	48,0	560,0
Decoro Filigrane	100x300*	39"x118"	1	3,00	34,5	13	39,0	448,5

# Timeless Marble.

and Filigrane design Philippe Nigro



Spessore / Thickness / Epaisseur / Stärke  
5,5mm → slimtech 5plus

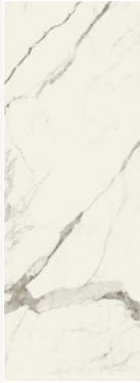
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 6 Colori / Colors / Couleurs / Farben

Statuario  
White



Calacatta  
Gold Extra



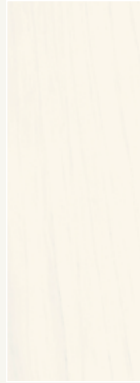
Pietra  
Gray



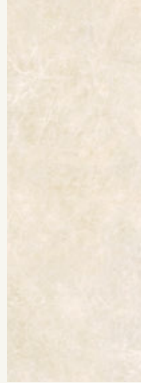
Onice  
Venus



Lasa  
Bright



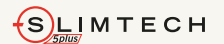
Safari  
Amande



disponibili in versione: / available in version: /  
disponibles en version : / verfügbar in Version:  
lev / sat

disponibili in versione: / available in version: /  
disponibles en version : / verfügbar in Version:  
lev

## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>



50x150cm  
19½"x59"  
slimtech 5plus  
lev / sat\*



100x100cm  
39"x39"  
slimtech 5plus  
lev / sat\*



100x300cm  
39"x118"  
slimtech 5plus  
lev / sat\*

\*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:  
Statuario Bianco, Calacatta Gold Extra, Pietra Gray

## 2 Finiture / Finishes / Surfaces / Oberfläche

### LEV



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

### SAT



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

marble



Calacatta Butterfly 100x300 lev



Lea Ceramiche





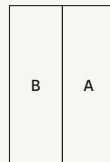
## Decori

Decors / Decors / Dekore

## Butterfly

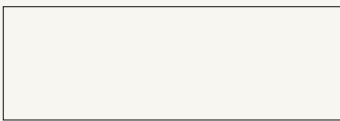
Calacatta Gold Extra B

Calacatta Gold Extra A



## Formati <sup>RT</sup>

Sizes / Formats / Formate



100x300cm  
39"x118"

## Finiture

Finishes / Surfaces / Oberfläche

### LEV



residenziale  
résidentiel  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

### SAT



residenziale  
résidentiel  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

L'immagine è puramente indicativa.

La grafica di BUTTERFLY può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale.

Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative.

The graphic design of BUTTERFLY may result in discontinuities in the veining between panels, as with the natural material.

Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif.

Le graphisme de BUTTERFLY peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel.

Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ.

Die Grafik BUTTERFLY kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen.

Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.



marble



Ⓢ Lasa Aurora 60x120 lux

Lea Ceramiche

# Dreaming.



marble



Ⓢ Lasa Aurora 60x120 lux

Lea Ceramiche

⊕ Mosaico Basic lux



marble



WALL  
Mosaico Basic lux

FLOOR  
Calacatta Shine 60x120 lux

Lea Ceramiche



JUST  
LEOPA  
RD,  
YAWN



Calacatta Shine 60x60 lux

marble



Lea Ceramiche





◇ Romance Safari 60x60 velvet

marble



Bianco Statuario 60x60 lux

Lea Ceramiche

⊕ Crystal White 60x60 lux



marble

Gray Stone 60x60 lux



Lea Ceramiche



Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

**Stonalizzazione**      **Resistenza allo scivolamento**      **Fuga minima consigliata**

Shading / Denuançage /  
Spielfarbig

ANSI A137.1



Slip resistance / Résistance au  
glissement / Rutschfestigkeit

ANSI A326.3      DCOF  $\geq 0.42$  (Velvet)

Minimum suggested joint  
Joint minimum conseillé  
Empfohlene Fugenbreite

RECT  
2 mm (INDOOR)

OUTDOOR  
5 mm Approx (\*)

(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Mosaici

Mosaics / Mosaïques / Mosaik

MOSAICO BASIC\*  
30x30cm / 12"x12"  
lux



\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

## Pezzi speciali

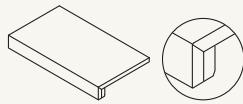
Trims / Pièces spéciales / Formstücke

battiscopa\*  
10x60cm / 4 "x24" rett



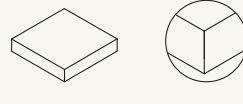
\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

gradino plus\*\*  
35x60cm / 13<sup>3/4</sup>"x24" rett



\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

angolo gradino plus\*\*  
35x35 cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett



raccordo jolly\*  
1,3x30cm / 1/2"x12" rett



beak jolly\*  
1,3x2cm / 1/2"x1/2" rett



## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Mosaico Basic	30x30	12"x12"	4	0,36	7,9	60	21,6	476,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,9	60	432 m.l.	954,0
Gradino Plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	20,3	16	13,4	325,3
Angolo Gradino Plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	6,4	36	8,8	229,1
Raccordo Jolly	1,3x30	1/2"x12"	16	0,06	1,3	-	-	-
Beak Jolly	1,3x2	1/2"x3/4"	4	-	0,1	-	-	-

# Dreaming.



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

## 6 Colori / Colors / Couleurs / Farben

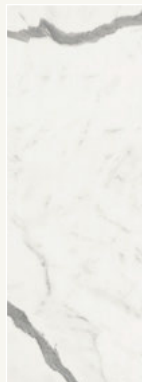
Lasa  
Aurora



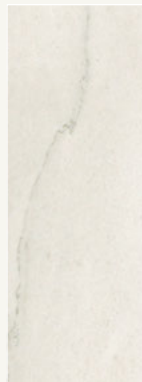
Calacatta  
Shine



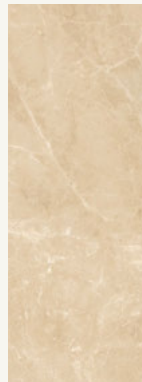
Bianco  
Statuario



Crystal  
White



Romance  
Safari



Gray  
Stone



## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

gres porcellanato



30x60cm  
12"x24"  
velvet / lux



60x60cm  
24"x24"  
velvet / lux



\*60x120cm  
24"x48"  
velvet / lux

\*colori disponibili / available colors / couleurs disponibles / verfügbare Farben:  
Bianco Statuario, Calacatta Shine, Gray Stone, Lasa Aurora

## 2 Finiture / Finishes / Surfaces / Oberfläche

### LUX



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

### VELVET



residenziale  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

# 02c.

**L'essenzialità di materiali come il cemento e la resina prende forma sulle superfici ceramiche attraverso texture e disegni avvolgenti. Il fascino dello stile industriale, così minimale e pulito, reinventa spazi domestici e architettura.**

**L'essentialité de matériaux tels que le ciment et la résine prend forme sur les surfaces céramiques grâce à des textures et des motifs enveloppants. Le charme du style industriel, si net et minimaliste, réinvente les espaces domestiques et l'architecture.**

**Essential materials such as concrete and resin take shape on ceramic surfaces through textures and enveloping designs. The charm of minimal, clean industrial style reinvents domestic spaces and architecture.**

**Die Essentialität von Materialien wie dem Zement und dem Harz nimmt durch faszinierende Strukturen und Designs auf den Keramikflächen Form an. Der Reiz des so minimalistischen und reinen Industriestils erfindet Wohnräume und die Architektur neu.**



# Cement & Resin.



**Concreto and Zoom.**  
design Fabio Novembre  
200 / 227



**Take Care.**  
and Pad design Patrick Norguet  
228 / 241



**Trame.**  
242 / 253



**District.**  
254 / 265



**Re-evolution.**  
266 / 271



**Metropolis.**  
272 / 277



**Stoneclay.**  
Home by Lea  
278 / 283

Ⓢ RECEPTION DESK  
Concrete Rust

Ⓢ WALL  
Foam Medium 120x260  
Dry Dark 120x260

Ⓢ FLOOR  
Concrete Medium 120x260

# Concreto and Zoom.

design Fabio Novembre



↻  
Foam Medium





WALL  
Concrete Medium 120x260

FLOOR  
Zoom Foam Glow 60x60





Ⓢ WALL  
Concrete Medium 120x260  
Concrete Extra Light 120x260

Ⓢ FLOOR  
Concrete Extra Light 120x120





cement & resin



Concreto Medium

Lea Ceramiche





Ⓢ WALL  
Concrete Medium 120x260

Ⓢ FLOOR  
Zoom Reef Glow 60x60

cement & resin



WALL

Drops Gold Medium 120x260



FLOOR

Concrete Light 120x120

↻  
Concrete Light 120x120





Ⓢ  
COUNTER  
Concrete Rust

Ⓢ  
WALL  
Concrete Rust 120x260

Ⓢ  
FLOOR  
Tide Medium 120x260



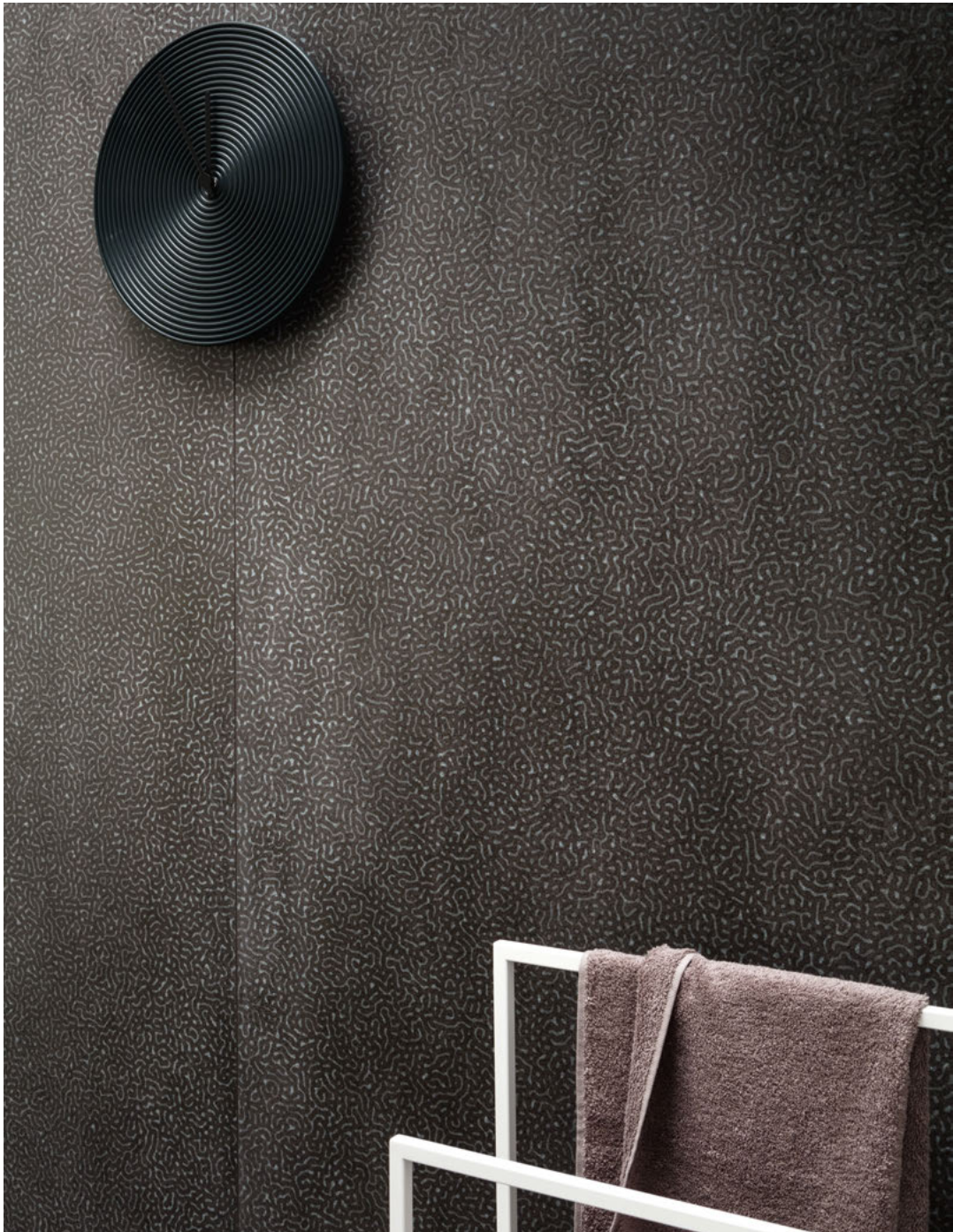
cement & resin



Ⓢ WALL  
Reef Dark 120x260  
Concrete Light 60x120

Ⓢ FLOOR  
Concrete Dark 120x120

↻ Reef Dark



Zoom Mix 20







WALL  
Concreto Dark 120x260



FLOOR  
Zoom Foam Shade 60x60

cement & resin



Concreto Light L2 90x90 grfp



Lea Ceramiche



Concreto Light L2 90x90 grip



# Concrete and Zoom.

3-TECH PROJECT

design Fabio Novembre



Spessore / Thickness / Epaisseur / Stärke  
6mm

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

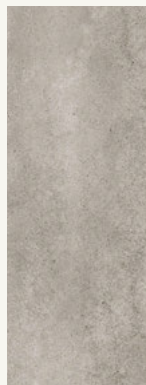
## 5 Colori / Colors / Couleurs / Farben

**Award**

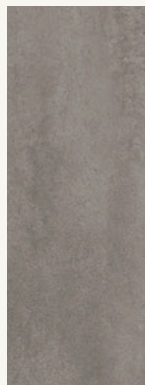
Concrete  
Extra Light



Concrete  
Light



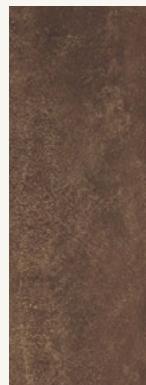
Concrete  
Medium



Concrete  
Dark



Concrete  
Rust

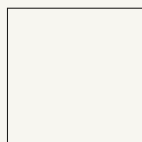


## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

**SLIMTECH**



60x120cm  
24"x48"  
nat



120x120cm  
48"x48"  
nat



120x260cm  
48"x102"  
nat

## 1 Finitura / Finish / Surface / Oberfläche

**NAT**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen



Esplora Concreto and Zoom su real.leaceramiche.com  
Explore Concreto and Zoom on real.leaceramiche.com



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

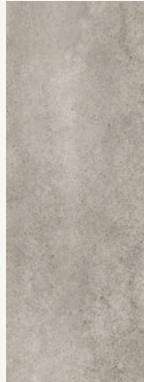
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

### 4 Colori / Colors / Couleurs / Farben

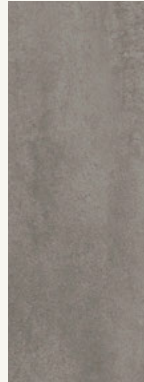
Concreto  
Extra Light



Concreto  
Light



Concreto  
Medium



Concreto  
Dark



### 4 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

gres porcellanato



30x60cm  
12"x24"  
nat / lapp



60x60cm  
24"x24"  
nat / lapp / grip



45x90cm  
18"x36"  
nat / lapp



90x90cm  
36"x36"  
nat / lapp

Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



90x90cm\*  
36"x36"  
grip

### 3 Finiture / Finishes / Surfaces / Oberfläche

**NAT**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

**LAPP**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

**GRIP**



esterno  
outdoor  
extérieur  
Außenbereiche

\* Protezione antibatterica non presente  
No antimicrobial protection



## Varianti

Variations / Variantes / Varianten

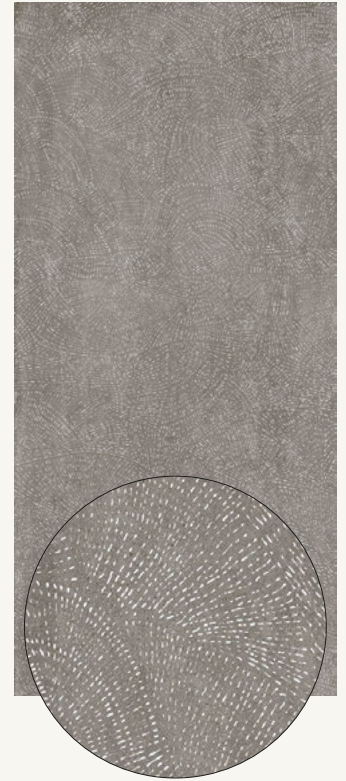
### Foam

Concreto Medium



### Tide

Concreto Medium



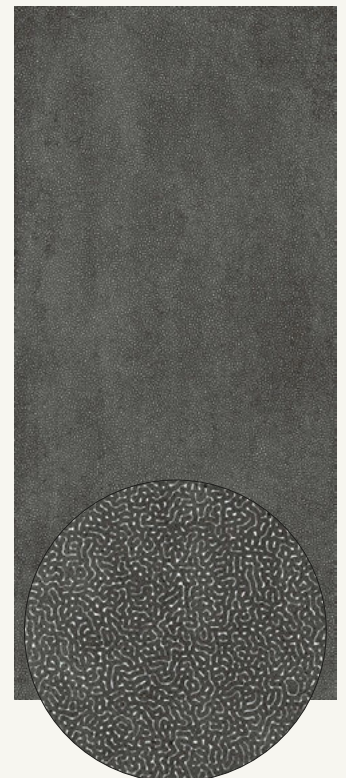
### Dry

Concreto Dark



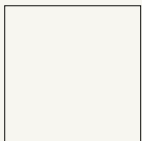
### Reef

Concreto Dark

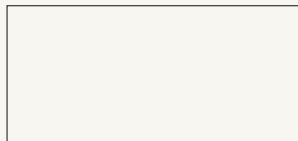


## Formati <sup>RT</sup>

Sizes / Formats / Formate



120x120cm  
48"x48"



120x260cm  
48"x102"

# Decori

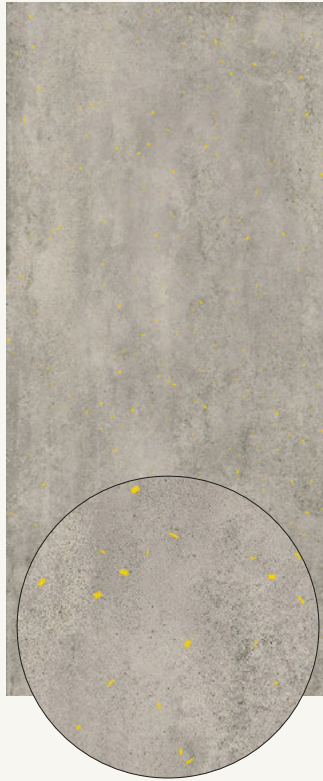
Decors / Decors / Dekore

## Drops Gold\*

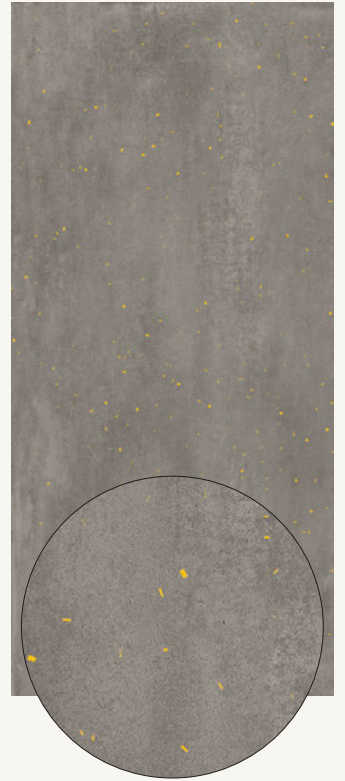
Concreto Extra Light



Concreto Light

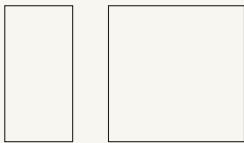


Concreto Medium

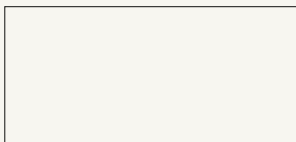


## Formati <sup>RT</sup>

Sizes / Formats / Formate



60x120cm 120x120cm  
24"x48" 48"x48"



120x260cm  
48"x102"

**\*A pavimento: solo per ambienti residenziali**  
Floor coverings: just in residential spaces  
Au sol: pour les environnements résidentiels uniquement  
Auf dem Boden: nur für Wohnumgebungen

Concreto Dark



Concreto Rust





## Varianti

Variations / Variantes / Varianten

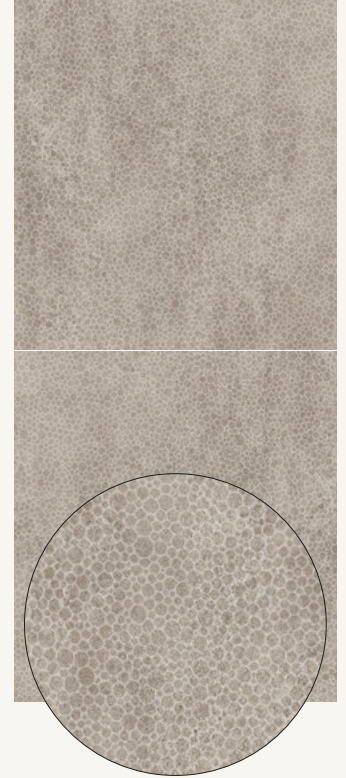
### Dry

Concreto Extra Light



### Foam

Concreto Light



## Formati <sup>RT1</sup>

Sizes / Formats / Formate



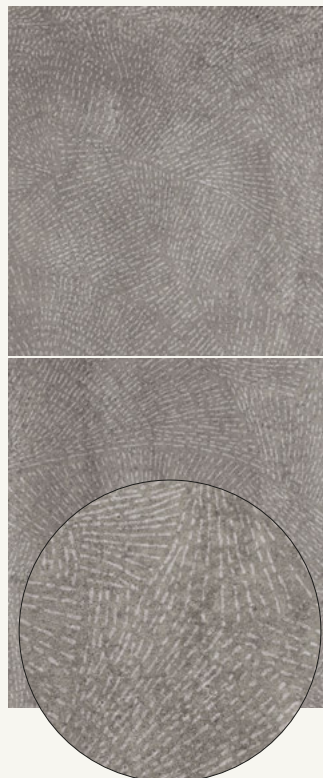
60x60cm  
24"x24"



30x60cm  
12"x24"

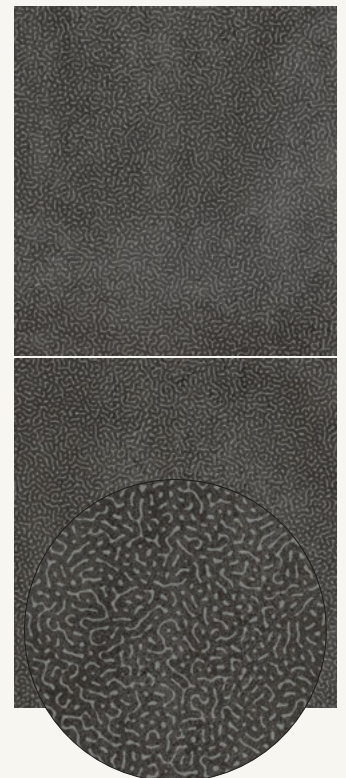
### Tide

Concreto Medium



### Reef

Concreto Dark





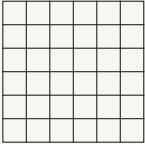
## Mosaici

Mosaics / Mosaiques / Mosaik

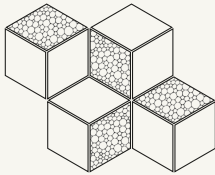
## Pezzi speciali

Trims / Pièces spéciales / Formstücke

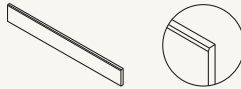
**MOSAICO 36**  
30x30cm / 12"x12"  
nat / lapp



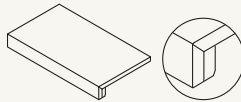
**CUBE MIX**  
35x30,5cm / 13<sup>3/4</sup>"x12"  
nat + varianti



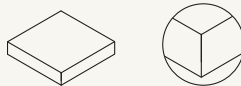
**battiscopa**  
5,5x60cm / 2<sup>11/64</sup>"x24" rett  
nat / lapp



**gradino plus\***  
35x60cm / 13<sup>3/4</sup>"x24" rett  
nat / lapp / grip



**angolo gradino sx/dx plus\***  
35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett  
nat / lapp / grip



\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

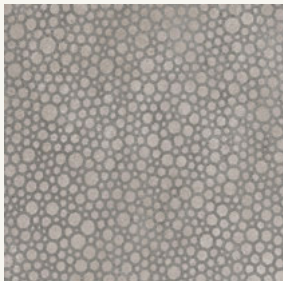


## Zoom

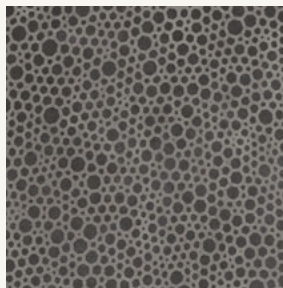
---

### Zoom Foam

Foam Glow

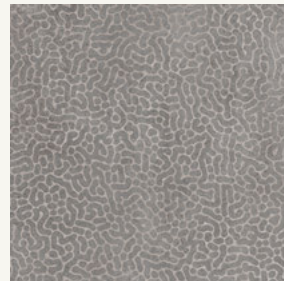


Foam Shade

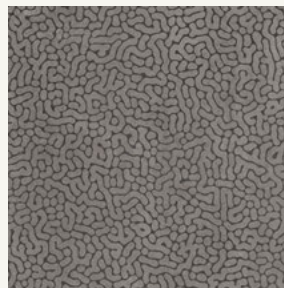


### Zoom Reef

Reef Glow



Reef Shade



## Formati Zoom Foam/Zoom Reef <sup>LR<sup>T</sup></sup>

Sizes / Formats / Formate

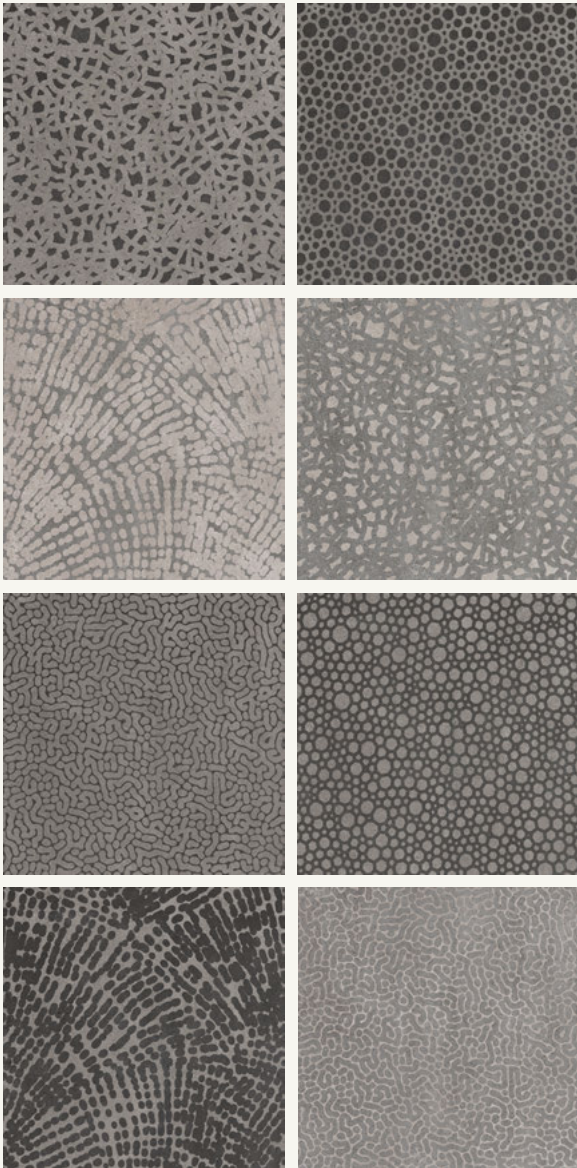
---



60x60cm  
24"x24"

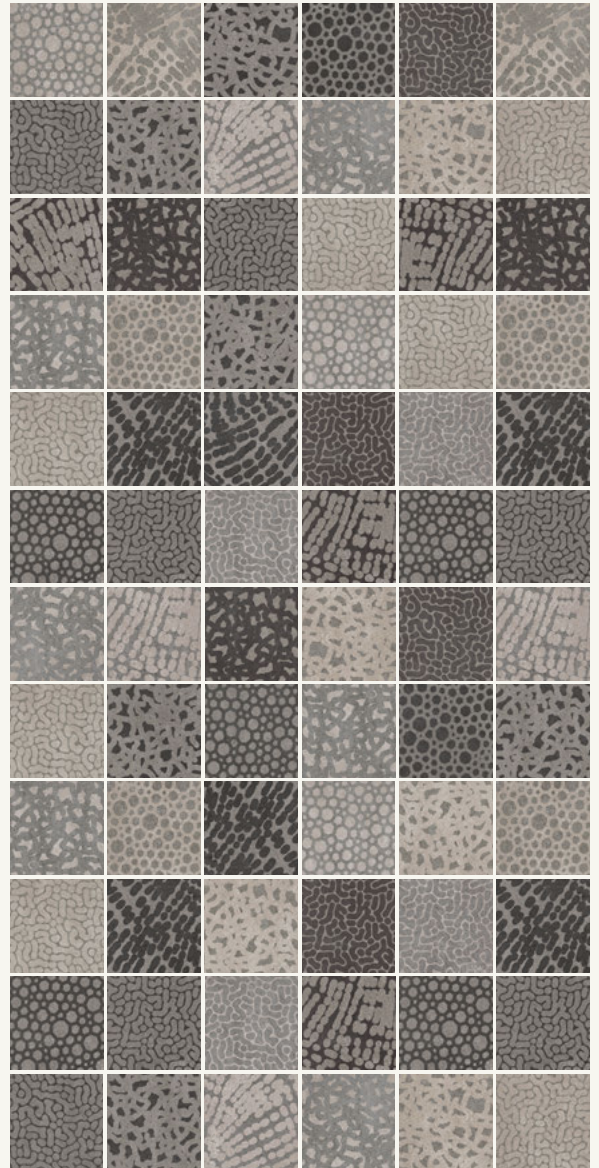
# Zoom Mix

## Zoom Mix 60



60x60cm  
24"x24"

## Zoom Mix 20



20x20cm  
8"x8"

### Formati Zoom mix <sup>LR</sup>T

Sizes / Formats / Formate



60x60cm  
24"x24"

Zoom Mix 60



20x20cm  
8"x8"

Zoom Mix 20

Zoom Mix 20 è composto da 16 grafiche differenti da miscelare. Il mix visualizzato non è vincolante, se ne consiglia la posa random.

Zoom Mix 60 è composto da 16 grafiche differenti da miscelare. Il mix visualizzato non è vincolante, se ne consiglia la posa random. Il packaging prevede colli da 4 pezzi con grafiche casuali: si consiglia di prevedere l'acquisto di una piccola % di materiale in più rispetto allo standard per favorire una migliore composizione delle grafiche nella fase di posa.

Zoom Mix 20 is composed of 16 different patterns designed to be mixed together. The displayed mix is not obligatory; we recommend random installation.

Zoom Mix 60 is composed of 16 different patterns designed to be mixed together. The displayed mix is not obligatory; we recommend random installation. The packaging includes packages of 4 pcs with random patterns: we recommend that you purchase a small percentage of extra material to facilitate the composition of the patterns in the installation stage.

Gres porcellanato laminato UGL  
Laminated porcelain stoneware UGL  
Grès cérame laminé UGL  
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	44,0	18	56,2	792,0
Fondo	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Fondo	60x120	24"x48"	3	2,16	30,3	16	34,6	484,8
Decoro Drops Gold	120x260	48"x102"	1	3,12	44,0	18	56,2	792,0
Decoro Drops Gold	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Decoro Drops Gold	60x120	24"x48"	3	2,16	30,3	32	69,1	968,0

Gres tutta massa UGL  
 Full-body porcelain UGL  
 Grès Cérame pleine masse UGL  
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL





Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5 mm Approx (*)
	BCR-TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.
	DCOF/ANSI A326.3	DCOF $\geq 0.42$ (Nat - Grip - 20mm)	
	AS/NZS 4586	P3 (Nat) P4 (Grip, 20mm)	
	BS 7976-2	PTV 36+ WET (SI.96) (Nat) PTV 36+ WET (SI.96 - SI.55) (Grip - 20mm)	

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Fondo	45x90	18"x36"	3	1,22	25,2	36	43,7	907,2
Zoom	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Zoom	20x20	8"x8"	23	0,92	20,7	45	41,4	931,5
Mosaico 36	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Cube Mix	35x30,5	13 <sup>3/4</sup> "x12"	4	0,43	9,5	48	20,5	456,0
Battiscopa	5,5x60	2 <sup>11/64</sup> "x24"	12	7,2 m.l.	8,1	50	360 m.l.	404,7
Gradino plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	20,1	16	13,4	322,2
Angolo gradino plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	7,6	36	8,8	273,6
L2 (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0

 FLOOR  
T\_Ground 100x300

 WALL  
T\_Snow 100x300



# Take Care.

and Pad design Patrick Norguet



cement & resin

WALL  
Oakland Ground 100x300

FLOOR  
T\_Ground 100x100



Lea Ceramiche



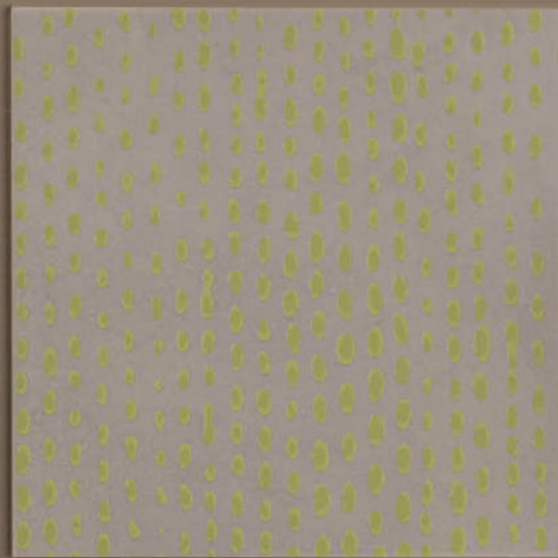
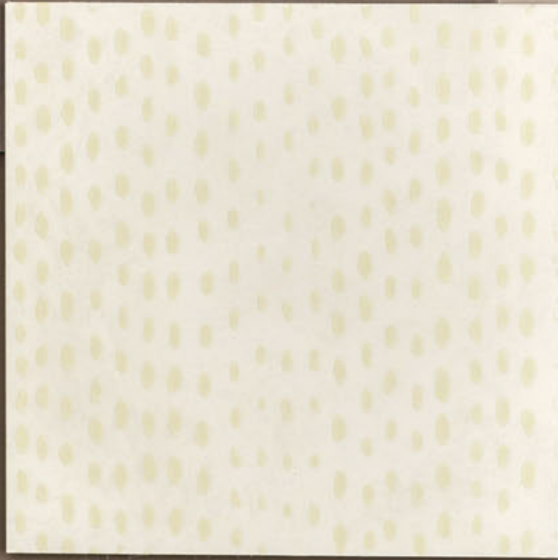


WALL  
Tamis Moon 100x300

FLOOR  
C\_Moon 100x300







# Pad.

design Patrick Norguet



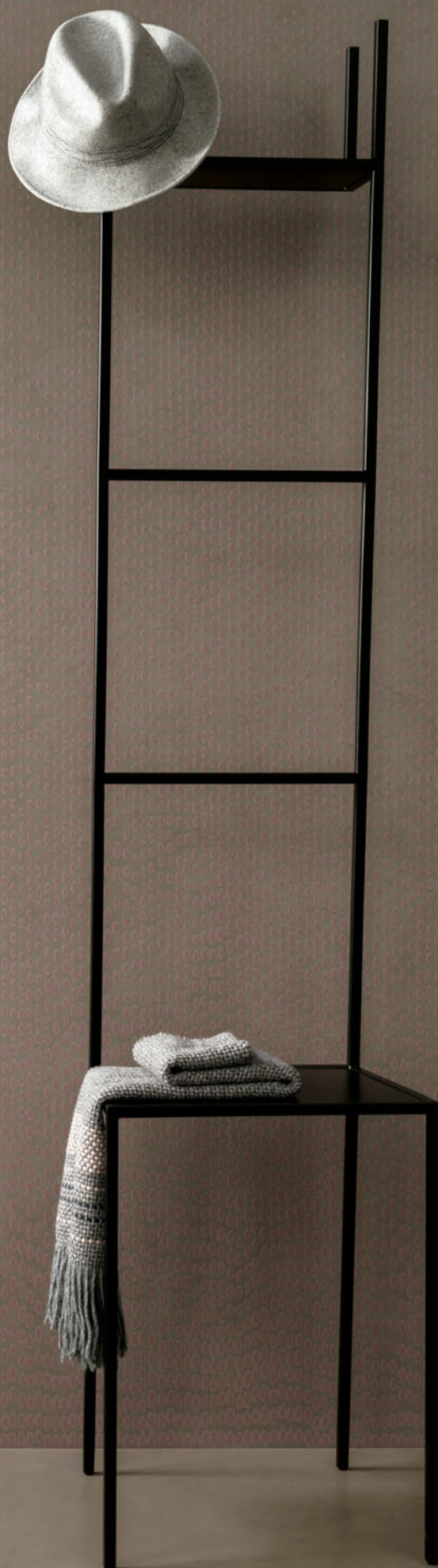
cement & resin



WALL  
Oakland Ground 100x300



FLOOR  
T\_Ground 100x100





# Decori

Decors / Decors / Dekore

Pad design Patrick Norguet

# Oakland\*

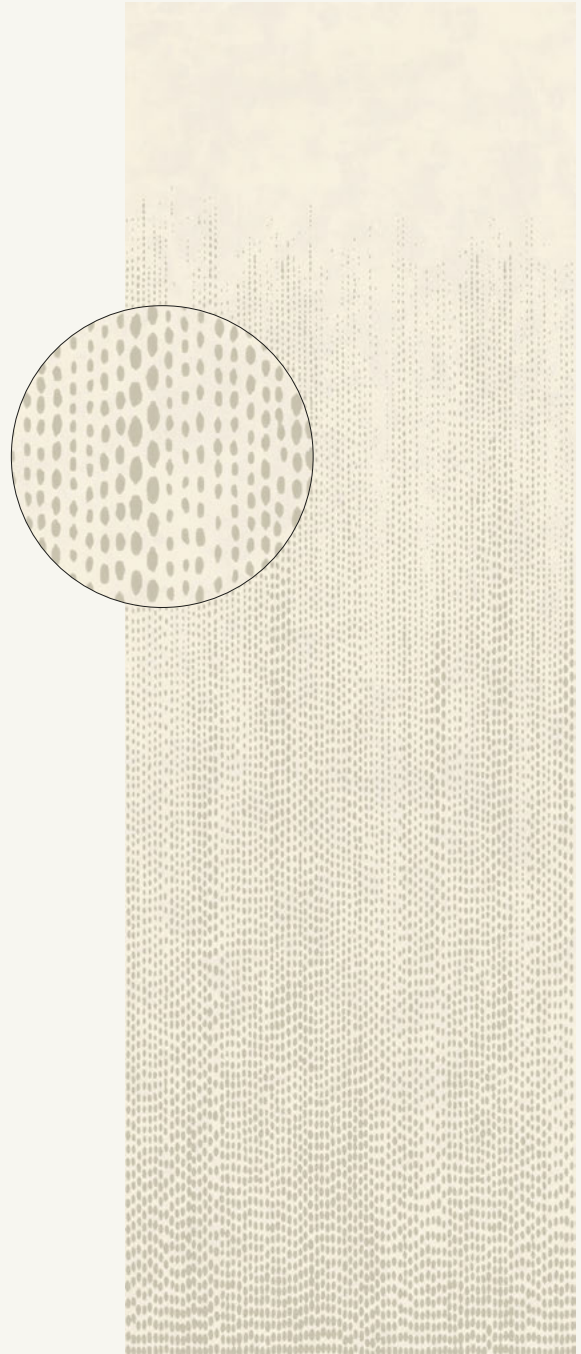
Oakland Moon



Oakland Ground



Oakland Snow



## Formati <sup>LR</sup>

Sizes / Formats / Formate



100x300cm  
39"x118"

\*Utilizzabile solo a RIVESTIMENTO  
Suitable only for WALL COVERINGS  
Seulement pour le REVÊTEMENT  
Kann nur als VERKLEIDUNG verwendet werden

Informazioni tecniche per l'utilizzo  
Technical information for use  
Informations techniques pour l'utilisation  
Technische Zusammenarbeit  
pag. 364

cement & resin



Pad Tamis Moon 100x300

Lea Ceramiche





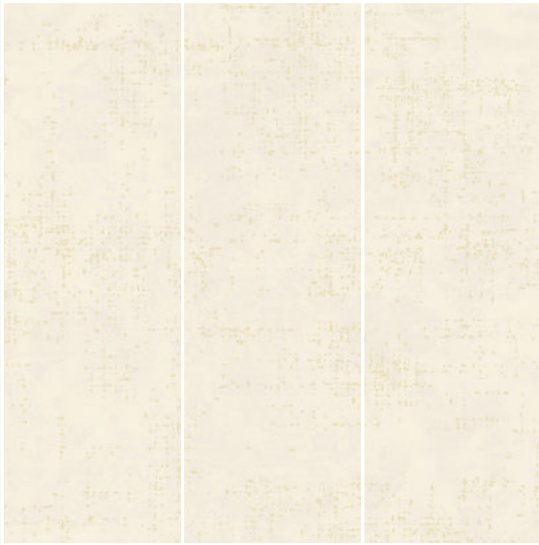
# Decorì

Decors / Decors / Dekore

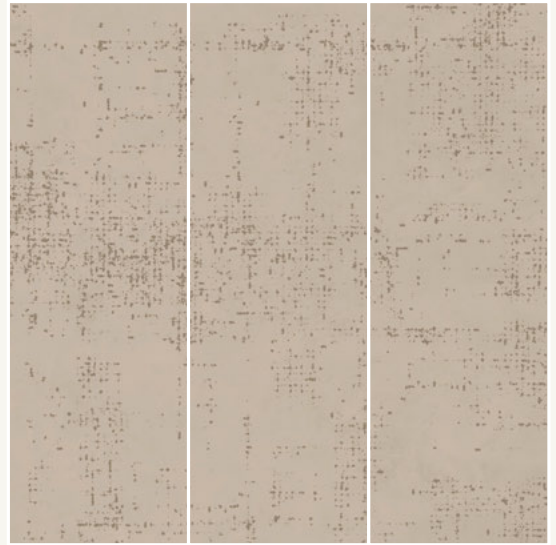
Pad design Patrick Norguet

# Tamis\*

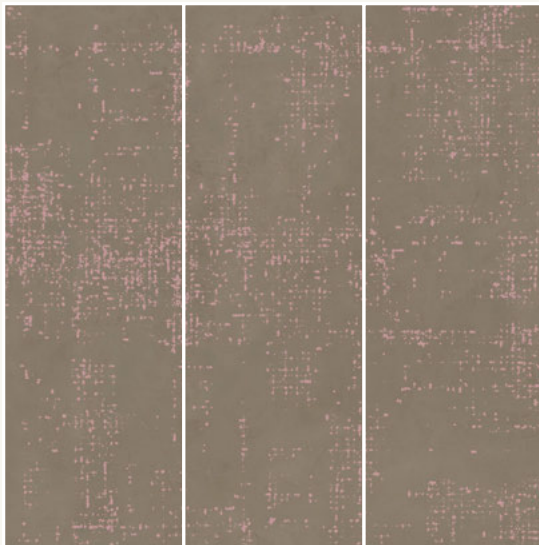
Tamis Snow A - B - C



Tamis Moon A - B - C

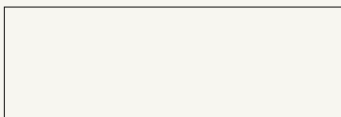


Tamis Ground A - B - C



## Formati <sup>RT</sup>

Sizes / Formats / Formate




100x300cm  
39"x118"

\*Utilizzabile solo a RIVESTIMENTO  
Suitable only for WALL COVERINGS  
Seulement pour le REVÊTEMENT  
Kann nur als VERKLEIDUNG verwendet werden

A	B	C
---	---	---

Informazioni tecniche per l'utilizzo  
Technical information for use  
Informations techniques pour l'utilisation  
Technische Zusammenarbeit  
pag. 364

Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF $\geq 0.42$	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	118"x39"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x150	39"x59"	2	3,00	34,5	25	75,0	862,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Fondo 5plus	50x100	19 1/2"x39"	3	1,50	18,9	32	48,0	604,8
Decoro Pad	100x300	118"x39"	1	3,00	34,5	13	39,0	448,5

# Take Care.



and Pad design Patrick Norguet

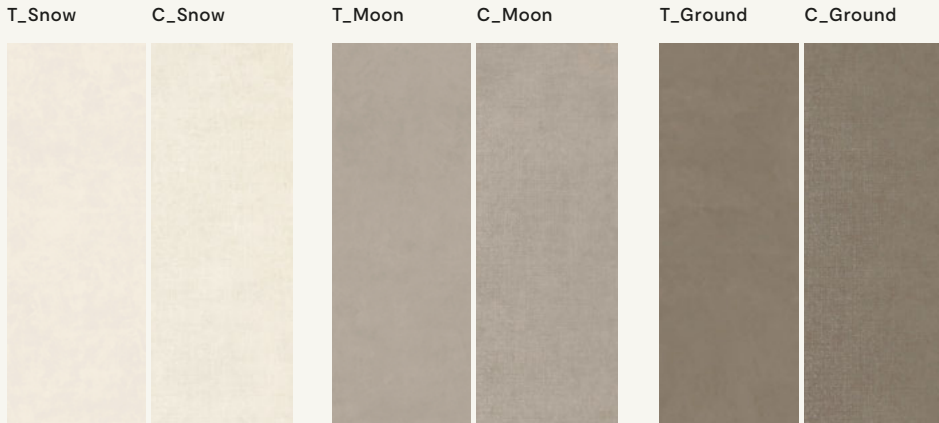
Esplora Take Care and Pad su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Take Care and Pad on [real.leaceramiche.com](http://real.leaceramiche.com)



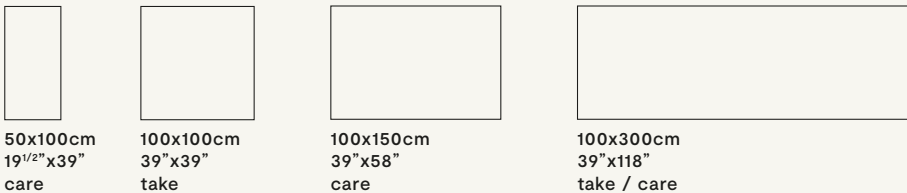
Spessore / Thickness / Epaisseur / Stärke  
5,5 mm → slimtech 5plus

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 3 Colori / Colors / Couleurs / Farben



## 4 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>



## 2 Finiture / Finishes / Surfaces / Oberfläche

### TAKE



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### CARE



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

cement & resin



WALL

CHEVRON / Moro Gramma 38  
Argilla Gramma 38



WALL

Cube Argilla



FLOOR

Plaster Argilla 90x90  
Plaster Argilla 30x90



# Trame.



⊗ BOLT / Corda Listello 5x45  
Tabacco Listello 5x45  
Lino Listello 5x45





Plaster Corda 90x90  
Leaf Chiaro

Trame



 FLOOR  
Plaster Argilla





FLOOR  
Plaster Lino 90x90

cement & resin



 FLOOR  
Plaster Tortora. 90x90

⊠ CHEVRON / Tabacco Gramma 38  
Corda Gramma 38



Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130 R9 B.C.R. - TORTUS $\mu > 0,40$ ANSI A326.3 DCOF $\geq 0.42$	RECT 2 mm (INDOOR)  OUTDOOR 5-6 mm Approx (*)



(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Imballi

### Packing / Emballage / Verpackung

Articolo	cm		inch		Scatola			Pallet		
	cm	inch	pz.	m <sup>2</sup>	kg	scat.	m <sup>2</sup>	kg		
Fondo	90x90	36" x 36"	2	1,62	40,0	25	40,5	1.000,0		
Fondo	30x90	12" x 36"	3	0,81	20,0	27	21,9	540,0		
Fondo Gramma 38	39,2x9,7	15 <sup>3/8"</sup> x 3 <sup>3/4"</sup>	20	0,76	19,0	30	22,8	570,0		
Fondo Gramma 66 sx	39,2x16,9	15 <sup>3/8"</sup> x 6 <sup>5/8"</sup>	10	0,66	16,5	40	26,4	660,0		
Fondo Gramma 66 dx	39,2x16,9	15 <sup>3/8"</sup> x 6 <sup>5/8"</sup>	10	0,66	16,5	40	26,4	660,0		
Fondo Listello	45x5	18" x 2"	23	0,52	12,8	60	31,1	768,0		
Fondo Esa	33,8x9,7	13 <sup>3/8"</sup> x 3 <sup>13/16"</sup>	20	0,32	8,0	42	13,4	336,0		
Fondo Cuadra	11,2x9,7	4 <sup>3/8"</sup> x 3 <sup>3/4"</sup>	20	0,22	5,5	100	22,0	545,0		
Mosaico Jewel	33,7x29,7	11 <sup>17/64"</sup> x 11 <sup>11/16"</sup>	4	0,41	10,5	36	14,8	378,0		
Mosaico Leaf	39,5x34,1	13 <sup>35/64"</sup> x 11 <sup>27/64"</sup>	4	0,55	13,5	22	12,1	297,0		
Mosaico Cube	39,5x34,1	13 <sup>35/64"</sup> x 11 <sup>27/64"</sup>	5	0,68	17,0	44	29,7	748,0		
Mosaico Arrow	39,5x11,2	4 <sup>13/32"</sup> x 13 <sup>35/64"</sup>	10	0,46	11,5	40	18,4	460,0		
Battiscopa	8x90	3 <sup>1/8"</sup> x 36"	9	8,1 m.l.	16,5	40	324,0 m.l.	660,0		
Gradino Plus	35x45	13 <sup>3/4"</sup> x 18"	2	0,32	9,2	30	9,5	276,0		
Ang. Gradino Plus	35x35	13 <sup>3/4"</sup> x 18"	2	0,25	7,4	36	8,8	266,4		
Ang. Sx Gradino Plus	35x35	13 <sup>3/4"</sup> x 18"	2	0,25	7,4	36	8,8	266,4		
Ang. Dx Gradino Plus	35x35	13 <sup>3/4"</sup> x 18"	2	0,25	7,4	36	8,8	266,4		

# Trame.

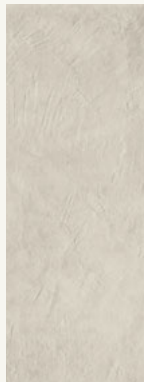


Spessore / Thickness / Epaisseur / Stärke  
11 mm

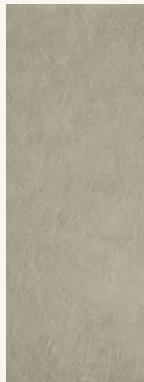
**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 6 Colori / Colors / Couleurs / Farben

Plaster  
Lino



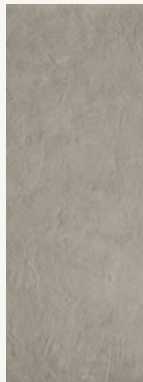
Plaster  
Corda



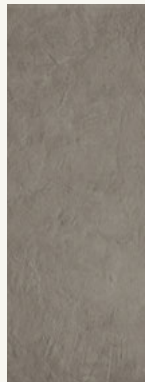
Plaster  
Tabacco



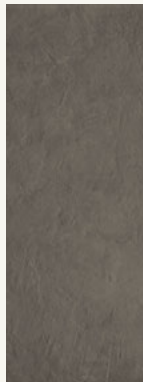
Plaster  
Argilla




Plaster  
Tortora

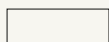


Plaster  
Moro



## 7 Formati / Sizes / Formats / Formate <sup>LR<sup>7</sup></sup>

 gres porcellanato



30x90cm  
12"x36"



90x90cm  
36"x36"



gramma 38  
9,7x39,2cm  
3<sup>3</sup>/<sub>4</sub>"x15<sup>3</sup>/<sub>8</sub>"



gramma 66 dx e sx  
16,9x39,2cm  
6<sup>5</sup>/<sub>8</sub>"x15<sup>3</sup>/<sub>8</sub>"



cuadra  
11,2x9,7cm  
4<sup>3</sup>/<sub>8</sub>"x3<sup>3</sup>/<sub>4</sub>"



esa  
9,7x33,8cm  
3<sup>13</sup>/<sub>16</sub>"x13<sup>3</sup>/<sub>8</sub>"



listello  
5x45cm  
2"x18"

## 1 Finiture / Finishes / Surfaces / Oberfläche

### PLASTER



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen



## Mosaici

Mosaics / Mosaïques / Mosaik

## Formati speciali

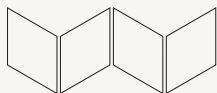
Special sizes / Formats spéciaux / Sonderformate

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

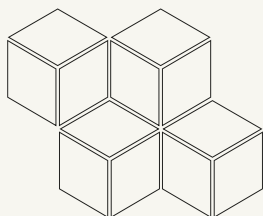
### ARROW

11,2x39,5cm / 4<sup>3/8</sup>"x15<sup>1/2</sup>"



### CUBE

34,1x39,5cm / 13<sup>3/8</sup>"x15<sup>1/2</sup>"



### LEAF

34,1x39,5cm / 13<sup>3/8</sup>"x15<sup>1/2</sup>"



### JEWEL

29,7x33,7cm / 11<sup>11/16</sup>"x13<sup>1/4</sup>"



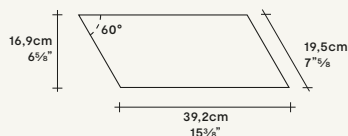
### ESA\*

9,7x33,8cm / 3<sup>13/16</sup>"x13<sup>3/8</sup>"



### GRAMMA 66 SX\*

16,9x39,2cm / 6<sup>5/8</sup>"x15<sup>3/8</sup>" rett  
nat



### GRAMMA 66 DX\*

16,9x39,2cm / 6<sup>5/8</sup>"x15<sup>3/8</sup>" rett  
nat



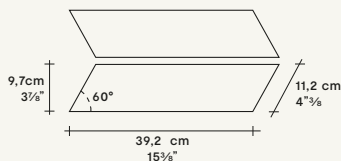
### CUADRA\*

11,2x9,7cm / 4<sup>3/8</sup>"x3<sup>3/4</sup>"



### GRAMMA 38\*

9,7x39,2cm / 3<sup>3/4</sup>"x15<sup>3/8</sup>"



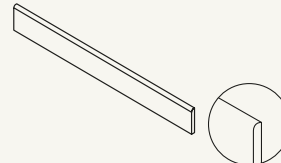
### LISTELLO\*

5x45cm / 2"x18"



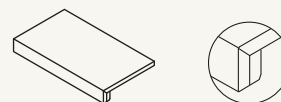
### battiscopa\*

8x90cm / 3<sup>1/8</sup>"x36" rett



### gradino plus\*\*

35x45cm / 13<sup>3/4</sup>"x18" rett



### angolo gradino plus\*\*

35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett



### ARROW

disponibile su tutti i colori (6 elementi)

available in all colors (6 items) /

disponible sur toutes les couleurs (6 éléments) /

Erhältlich für alle Farben (6 Elemente)

### CUBE

disponibile su tutti i colori multisuperficie (6 elementi)

available in all multi-surface colors (6 items) /

disponible sur toutes les couleurs multi-surface (6 éléments) /

Erhältlich für alle Farben und verschiedene Oberflächen (6 Elemente)

Es: Cube Corda = Plaster corda + Canvas Corda + Matter Corda

### LEAF / JEWEL

versione chiara e versione scura multisuperficie (2 elementi)

multi-surface light and dark versions (2 items) /

version claire et version foncée multi-surface (2 éléments) /

Helle und dunkle Version verschiedener Oberflächen (2 Elemente)

Chiaro: CANVAS LINO + MATTER TABACCO + PLASTER CORDA

Scuro: CANVAS ARGILLA + MATTER MORO + PLASTER TORTORA

Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

\*\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

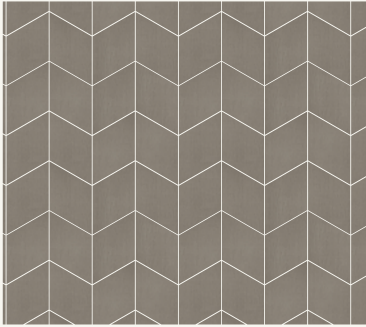
\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

## Composizioni a moduli su rete

Mesh-mounted tile layouts /  
Compositions en modules sur filet /  
Modul-Kompositionen auf Netz

## Composizioni a moduli sfusi

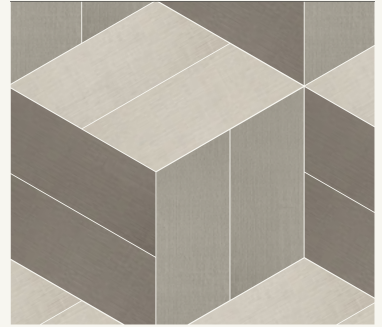
Tile layouts in loose modules / Compositions en modules en vrac / Kompositionen mit Einzelmodulen



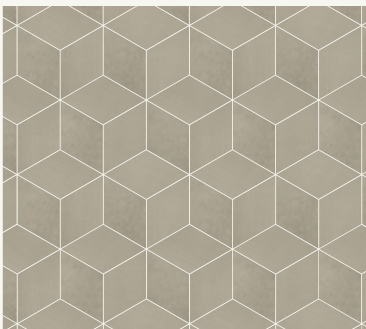
Arrow



▪ Chevron (GRAMMA 38 100%)



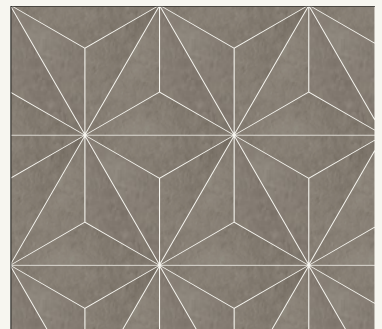
▪ Twist (GRAMMA 66 SX 100%)



Cube



▪ Roller (GRAMMA 66 DX 40% - SX 40% + ESA 20%)



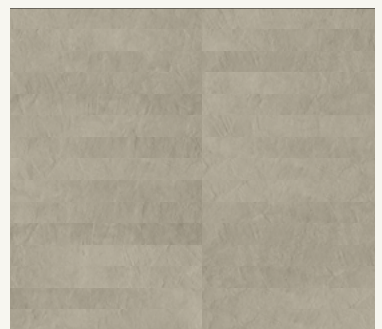
Jewel (ESA 100%)



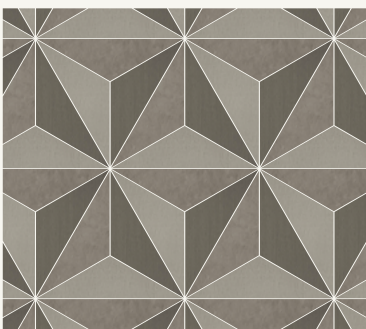
Leaf



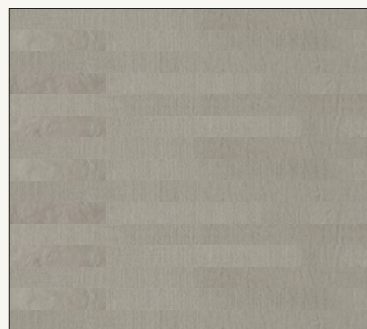
Bolt (LISTELLO)



Grid (LISTELLO)



Jewel



Wall (LISTELLO)

cement & resin



Street 90x90

Lea Ceramiche



# District.



cement & resin



Route 30x60

Lea Ceramiche



cement & resin

⊕ WALL Boulevard 30x60  
⊕ FLOOR Boulevard 60x60



Lea Ceramiche

⊕ Boulevard Metropolitan 60x60



cement & resin



Avenue 60x60

Lea Ceramiche



Route queens mix 30x30

Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuçage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10 DIN 51097 (A+B) B.C.R. - TORTUS $\mu > 0,40$ ANSI A326.3 DCOF $\geq 0.42$	RECT 2 mm (INDOOR) OUTDOOR 5-6 mm Approx (*)



(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Imballi

Packing / Emballage / Verpackung

Articolo	cm		Scatola			Pallet		
	cm	inch	pz.	m <sup>2</sup>	kg	scat.	m <sup>2</sup>	kg
Fondo	90x90	36"x36"	2	1,62	33,6	25	40,5	840,0
Fondo	45x90	18"x36"	3	1,22	25,2	36	43,7	907,2
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Decoro Metropolitan	60x60	24"x24"	2	0,72	15,9	40	28,8	636,0
Decoro Queens Mix	30x30	12"x12"	4	0,36	8,2	60	21,6	492,0
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 81	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico Mattone	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,9	60	432,0 m.l.	954,0
Gradino Plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	20,1	16	13,4	322,2
Angolo Gradino Plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	7,6	36	8,8	273,6



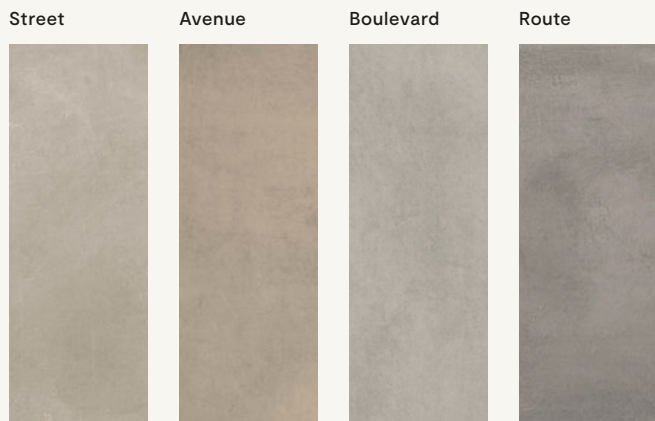
# District.



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

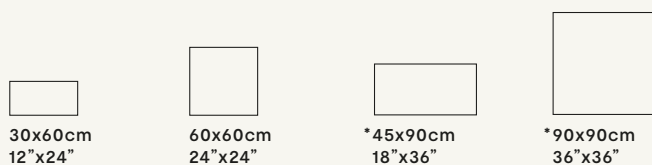
**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben



## 4 Formati / Sizes / Formats / Formate <sup>RT</sup>

gres porcellanato



\*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:  
Boulevard, Street

## 1 Finitura / Finish / Surface / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen



## Decorì

Decors / Decors / Dekore

### Metropolitan

Street  
60x60cm / 24"x24"



### Queens Mix

Street  
30x30cm / 12"x12"



### Avenue

60x60cm / 24"x24"



### Avenue

30x30cm / 12"x12"



### Boulevard

60x60cm / 24"x24"



### Boulevard

30x30cm / 12"x12"



### Route

60x60cm / 24"x24"



### Route

30x30cm / 12"x12"



## Mosaici

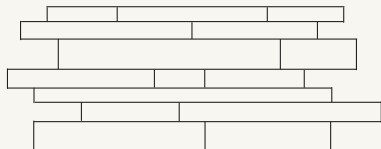
Mosaics / Mosaiques / Mosaik

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

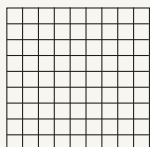
### MURETTO\*

30x60cm / 12"x24"



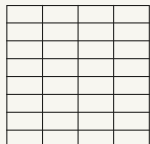
### MOSAICO 81\*

30x30cm / 12"x12"



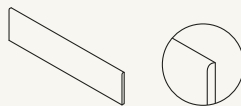
### MOSAICO MATTONE\*

30x30cm / 12"x12"



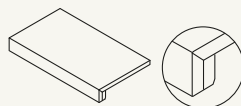
### battiscopa\*

10x60cm / 4"x24" rett



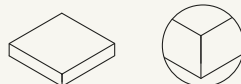
### gradino plus\*\*

35x60cm / 13<sup>3/4</sup>"x24" rett



### angolo dx / sx gradino plus\*\*

35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett



\*disponibile in tutti i colori  
available in all colors  
disponible sur toutes les couleurs  
Erhältlich für alle Farben

\*\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

cement & resin



WALL  
Src020 100x300



FLOOR  
Src030 100x100

# Re-evolution.



cement & resin



WALL  
Src030 100x300  
Src010 100x100

FLOOR  
Src010 100x100





Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

## Stonalizzazione

Shading / Denuançage /  
 Spielfarbig

ANSI A137.3



## Fuga minima consigliata

Minimum suggested joint  
 Joint minimum conseillé  
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand  
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden  
 2 mm (INDOOR)

OUTDOOR  
 Vedi Manuale Tecnico Slimtech /  
 See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19 <sup>1/2</sup> "x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2



# Re-evolution.



Spessore / Thickness / Epaisseur / Stärke  
3,5mm → slimtech 3plus

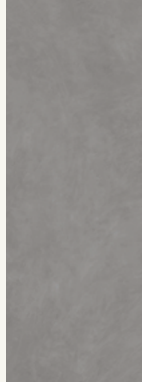
## 3 Colori / Colors / Couleurs / Farben

---

Src010



Src020



Src030



## 4 Formati / Sizes / Formats / Formate <sup>RT</sup>

---



4,9x100cm  
2"x39"

50x100cm  
19<sup>3/4</sup>"x39"

100x100cm  
39"x39"

100x300cm  
39"x118"

## 1 Finitura / Finish / Surface / Oberfläche

---

NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

cement & resin



WALL

Milano Ecreu 60x60 nat Bacchetta Metal Moka



FLOOR

Berlin Night 60x60 nat

# Metropolis.



cement & resin

Shanghai Iron 60x60 nat





Tokyo White 60x60 nat



Gres tutta massa UGL  
 Full-body porcelain UGL  
 Grès Cérame pleine masse UGL  
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	R10	RECT 2 mm (INDOOR)
	B.C.R. - TORTUS	$\mu > 0,40$	OUTDOOR 5-6 mm Approx (*)
	ANSI A326.3	DCOF $\geq 0.42$	

(\*) Decisione a cura della Direzione Lavori / Codici di Posi Nazionali  
 Decision by the Construction Manager / National Laying Standards  
 Décision établie par la Direction des Travaux / Codes de Pose Nationaux  
 Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

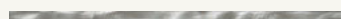
**Pezzi speciali**

Trims / Pièces spéciales / Formstücke

 gres porcellanato

**Bacchetta Metal**

Titanio  
1,5x60cm / 5/8"x24"



Nero  
1,5x60cm / 5/8"x24"



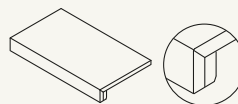
Moka  
1,5x60cm / 5/8"x24"



**battiscopa**  
10x60cm / 4"x24" rett  
nat

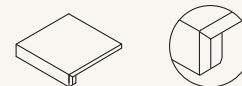


**gradino plus\***  
35x60cm / 13<sup>3/4</sup>"x24" rett  
nat



\*Su richiesta  
Upon request  
Sur demande  
auf Anfrage

**angolo sx / dx gradino plus\***  
35x35cm / 13<sup>3/4</sup>"x13<sup>3/4</sup>" rett  
nat



**Imballi**

Packing / Emballage / Verpackung

Articolo	Scatola					Pallet		
	cm	inch	pz.	m <sup>2</sup>	kg	scat.	m <sup>2</sup>	kg
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Bacchetta Metal	1,5x60	5/8"x24"	15	0,14	4,5	-	-	-
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,0	50	360,0 m.l.	750,0
Gradino Plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	20,1	16	13,4	322,2
Angolo Gradino Plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	6,4	36	8,8	229,1

# Metropolis.



Spessore / Thickness / Epaisseur / Stärke  
9,5mm

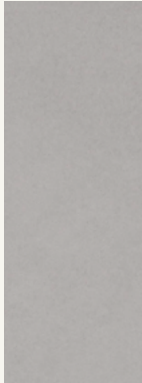
**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 4 Colori / Colors / Couleurs / Farben

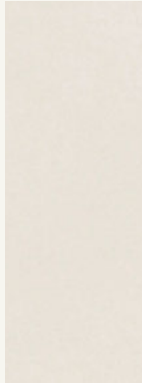
Berlin  
Night



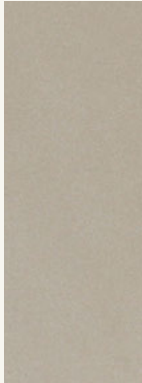
Shanghai  
Iron




Tokyo  
White



Milano  
Ecrù



## 2 Formati / Sizes / Formats / Formate <sup>RT1</sup>

 gres porcellanato



30x60cm  
12"x24"



60x60cm  
24"x24"

## 1 Finitura / Finish / Surface / Oberfläche

**NAT**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

cement & resin



⊠ Silt 60x60

Lea Ceramiche



# Stoneclay.



cement & resin

Charcoal 60x60



Lea Ceramiche



⊕ Lime 30x60



Gres tutta massa UGL  
 Full-body porcelain UGL  
 Grès Cérame pleine masse UGL  
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

**Stonalizzazione**                      **Resistenza  
 allo scivolamento**                      **Fuga minima  
 consigliata**

Shading / Denuançage /  
 Spielfarbig

ANSI A137.1



Slip resistance / Résistance au  
 glissement / Rutschfestigkeit

- DIN 51130                      R10
- DIN 51097                      (A+B)
- B.C.R. - TORTUS               $\mu > 0,40$
- ANSI A326.3                      DCOF  $\geq 0.42$
- AS/NZS 4586                      P3
- BS 7976-2                      PTV 36+Wet (Sl. 96)

Minimum suggested joint  
 Joint minimum conseillé  
 Empfohlene Fugenbreite

- RECT  
 2 mm (INDOOR)
- OUTDOOR  
 5-6 mm Approx (\*)

(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
 Decision by the Construction Manager / National Laying Standards  
 Decision établie par la Direction des Travaux / Codes de Pose  
 Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
 nationalen Vorschriften getroffen.

**Mosaici**

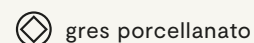
Mosaics / Mosaïques / Mosaik

MOSAICO\*  
 30x30cm / 12"x12"



**Pezzi speciali**

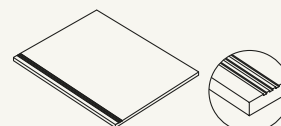
Trims / Pièces spéciales / Formstücke



battiscopa\*  
 10x60cm / 4"x24" rett  
 nat



gradino step\*  
 60x60cm / 24"x24" rett



\*disponibile in tutti i colori / available in all colors / disponible sur toutes les couleurs / Erhältlich für alle Farben

**Imballi**

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Mosaico	30x30	12"x12"	5	0,45	9,0	60	27,0	540,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	16,0	60	432 m.l.	960,0
Gradino Step	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6

# Stoneclay.



home  
by L E A

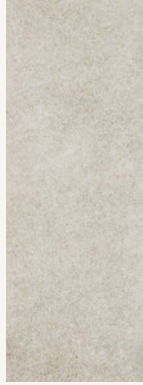
Spessore / Thickness / Epaisseur / Stärke  
9,5mm

## 4 Colori / Colors / Couleurs / Farben

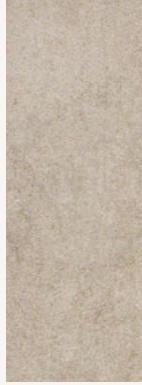
Charcoal



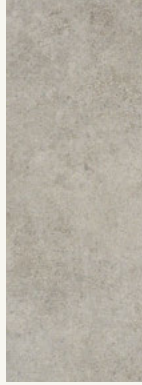
Silt




Lime



Cendre



## 2 Formati / Sizes / Formats / Formate $\text{L}^{\text{RT}}$

 gres porcellanato



30x60cm  
12"x24"



60x60cm  
24"x24"

## 1 Finitura / Finish / Surface / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

# 02d.

**Nella trasposizione delle più pregiate essenze, si spazia dai legni con uno stile naturale ed elegante a quelli con un effetto più usurato. È il calore del legno che la ceramica restituisce in versione ultracontemporanea.**

**Dans la transposition des bois les plus précieux, nous allons des bois au style naturel et élégant à ceux qui donnent un effet plus patiné. C'est la chaleur du bois que la céramique redonne, dans une version ultra-contemporaine.**

**Transposing the most precious essences, it ranges from woods with a natural and elegant style to those with a more time-worn effect. Ceramic evokes the warmth of wood in an ultra-contemporary version.**

**Die Umsetzung der kostbarsten Sorten reicht von den Hölzern mit einem natürlichen und eleganten Stil bis zu den Sorten mit einem eher „Old“-Effekt. Die Keramik gibt die Wärme des Holzes in einer topaktuellen Version wieder zurück.**

# Wood.



**Bio Select.**  
286 / 299



**Bio Recover.**  
300 / 309

wood

◊ Oak Ginger 30x180

Lea Ceramiche



# Bio Select.



wood



Oak Vanilla 30x120

Lea Ceramiche



wood

WALL  
ABC Oak Vanilla

FLOOR  
Oak Vanilla, 30x120



Lea Ceramiche

Ⓢ WALL  
Chevron Oak Ash

Ⓢ FLOOR  
Oak Ash 20x120 / 30x120



wood

hotel

WALL  
Whirl Mix

FLOOR  
Walnut Tobacco 20x120

Lea Ceramiche



WALL  
Strip Oak Natural

FLOOR  
Oak Natural 30x180



wood

Ⓢ Chevron Walnut Cinnamon




Lea Ceramiche





◊ Oak Cloves 20x120


Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R9 (Walnut Tobacco Nat) R10 (Nat) R11 (Grip)	RECT 2 mm (INDOOR)
	DIN 51097 A+B+C (Grip)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS $\mu >0,40$	
	ANSI A326.3 DCOF $\geq 0.42$	
	AS/NZS 4586 P4 (Grip)	
	BS 7976-2 PTV 36+Wet (Sl. 96 Sl. 55) (Grip)	

(\*) Decisione a cura della Direzione Lavori / Codici di Posi Nazionali  
Decision by the Construction Manager / National Laying Standards  
Décision établie par la Direction des Travaux / Codes de Pose  
Nationaux Die Entscheidung wird von der Bauleitung / gemäß  
nationalen Vorschriften getroffen.

## Imballi

### Packing / Emballage / Verpackung

Articolo	cm		Scatola			Pallet		
	cm	inch	pz.	m <sup>2</sup>	kg	scat.	m <sup>2</sup>	kg
Fondo	30x180	12"x72"	2	1,08	25,5	45	48,6	1.147,5
Fondo	30x120	24"x24"	4	1,44	32,3	18	25,9	581,4
Fondo	20x120	8"x48"	5	1,20	27,2	24	28,8	652,8
Decoro ABC	27,9x27,9	11"x11"	12	0,47	9,5	48	22,5	456,0
Decoro Chevron	42,8x40	16 <sup>3/4</sup> "x16"	5	0,86	18,7	12	10,3	224,4
Decoro Drunk	25x120	10"x48"	4	1,20	24,0	-	-	-
Decoro Strip	20x120	8"x48"	4	0,96	20	32	30,7	640,0
Decoro Whirl	36,8x42,5	14 <sup>1/2</sup> "x16 <sup>3/4</sup> "	6	0,94	19,0	-	-	-
Battiscopa	5,5x60	2 <sup>1/8</sup> "x24"	12	7,2 m.l.	8,1	50	360,0 m.l.	404,7
Gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	23,2	16,0	13,4	371,2
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	12,4	16,0	6,7	198,4
 Fondo L2 (20mm)	30x120	12"x48"	2	0,72	33,3	32	23,0	1.064,0

# Bio Select.



Esplora Bio Select su [real.leaceramiche.com](http://real.leaceramiche.com)  
Explore Bio Select on [real.leaceramiche.com](http://real.leaceramiche.com)

Spessore / Thickness / Epaisseur / Stärke  
9,5mm (20x120 - 30x120) / 10,5mm (30x180)

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 7 Colori / Colors / Couleurs / Farben

Oak  
Vanilla



Oak  
Ginger



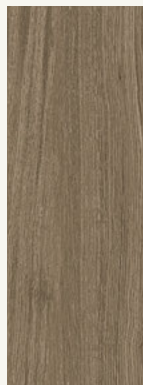
Oak  
Natural



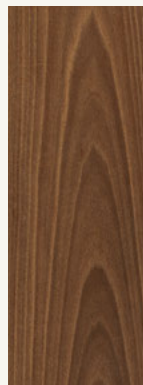
Oak  
Ash



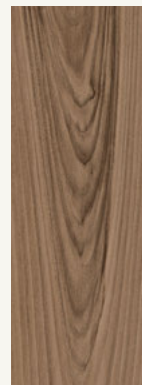
Oak  
Cloves



Walnut  
Tobacco

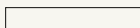


Walnut  
Cinnamon



## 3 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

gres porcellanato



20x120cm  
8"x48"  
nat



30x120cm  
12"x48"  
nat



30x180cm  
12"x72"  
nat

\*Spessore / Thickness / Epaisseur / Stärke  
20mm

L2 - 20mm



30x120cm\*  
12"x48"  
grip

\*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:  
Oak Natural, Oak Cloves

## 2 Finiture / Finishes / Surfaces / Oberfläche

### NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

### GRIP



esterno  
outdoor  
extérieur  
Außenbereiche

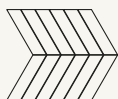
\* Protezione antibatterica non presente  
No antimicrobial protection



## Mosaici e formati speciali

Mosaics and special sizes / Mosaïques et formats spéciaux / Mosaïke und Sonderformate

### ■ CHEVRON\*



42,8x40cm  
16<sup>3/4</sup>"x16"  
nat

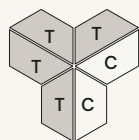
### STRIP\*



20x120cm  
8"x48"  
nat

### WHIRL MIX\*\*

Walnut Tobacco / Walnut Cinnamon



T Walnut Tobacco  
C Walnut Cinnamon

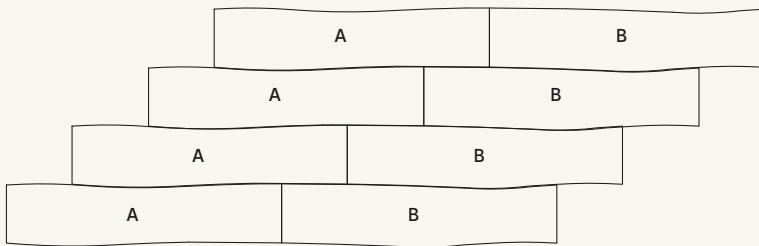
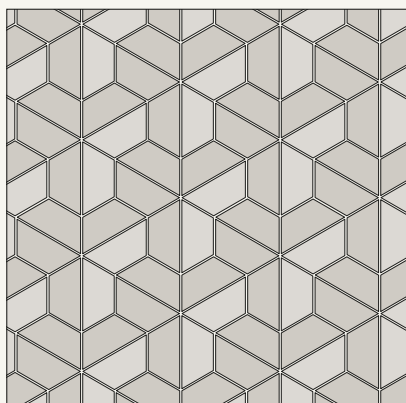
36,8x42,5cm  
14<sup>1/2</sup>"x16<sup>3/4</sup>"  
nat

### DRUNK

Walnut Tobacco  
Walnut Cinnamon



25x120cm  
10"x48"  
nat



■ Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

\*disponibile in tutti i colori / available in all colors / disponible sur toutes les couleurs / Erhältlich für alle Farben

\*\*colori mixati / mixed colors / couleurs mélangées / Mischfarben: Walnut Tobacco + Walnut Cinnamon

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

### ABC\*



A

27,9x27,9cm  
11"x11"  
nat



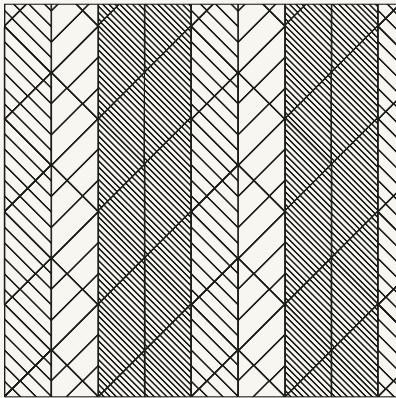
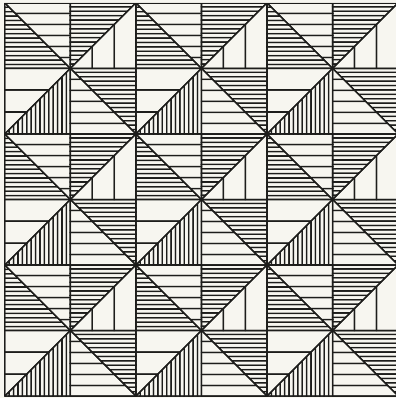
B

27,9x27,9cm  
11"x11"  
nat



C

27,9x27,9cm  
11"x11"  
nat



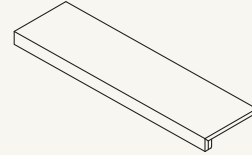
### battiscopa\*

5,5x60cm / 2<sup>11</sup>/<sub>64</sub>"x24" rett



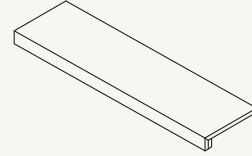
### gradino plus\*\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



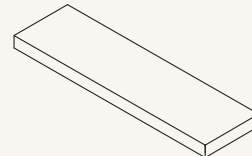
### angolo sx gradino plus\*\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



### angolo dx gradino plus\*\*\*

35x120cm / 13<sup>3</sup>/<sub>4</sub>"x48" rett



\* Ogni scatola di mosaico ABC contiene 4 pezzi di ognuna delle 3 geometrie A, B e C, per un totale di 12 pezzi. Le geometrie A, B e C non sono vendibili singolarmente.

Each box of ABC mosaic contains 4 pieces of each of the 3 A, B, and C designs, for a total of 12 pieces. The A, B, and C designs cannot be sold individually.

Chaque carton de mosaïque ABC contient 4 pièces de chacune des 3 géométries A, B et C, soit un total de 12 pièces.

Les géométries A, B et C ne peuvent être vendues séparément.

Jede Schachtel Mosaik ABC enthält jeweils 4 Stück der 3 Geometrien A, B und C, insgesamt 12 Stück.

Die Geometrien A, B und C sind nicht einzeln erhältlich.

\*\*Su richiesta

Upon request

Sur demande

auf Anfrage

wood



Golden Flame 20x180

Lea Ceramiche

# Bio Recover.



wood

Warm Cream 20x180



Lea Ceramiche



⊗ Pied de poule White Golden Flame 20x90

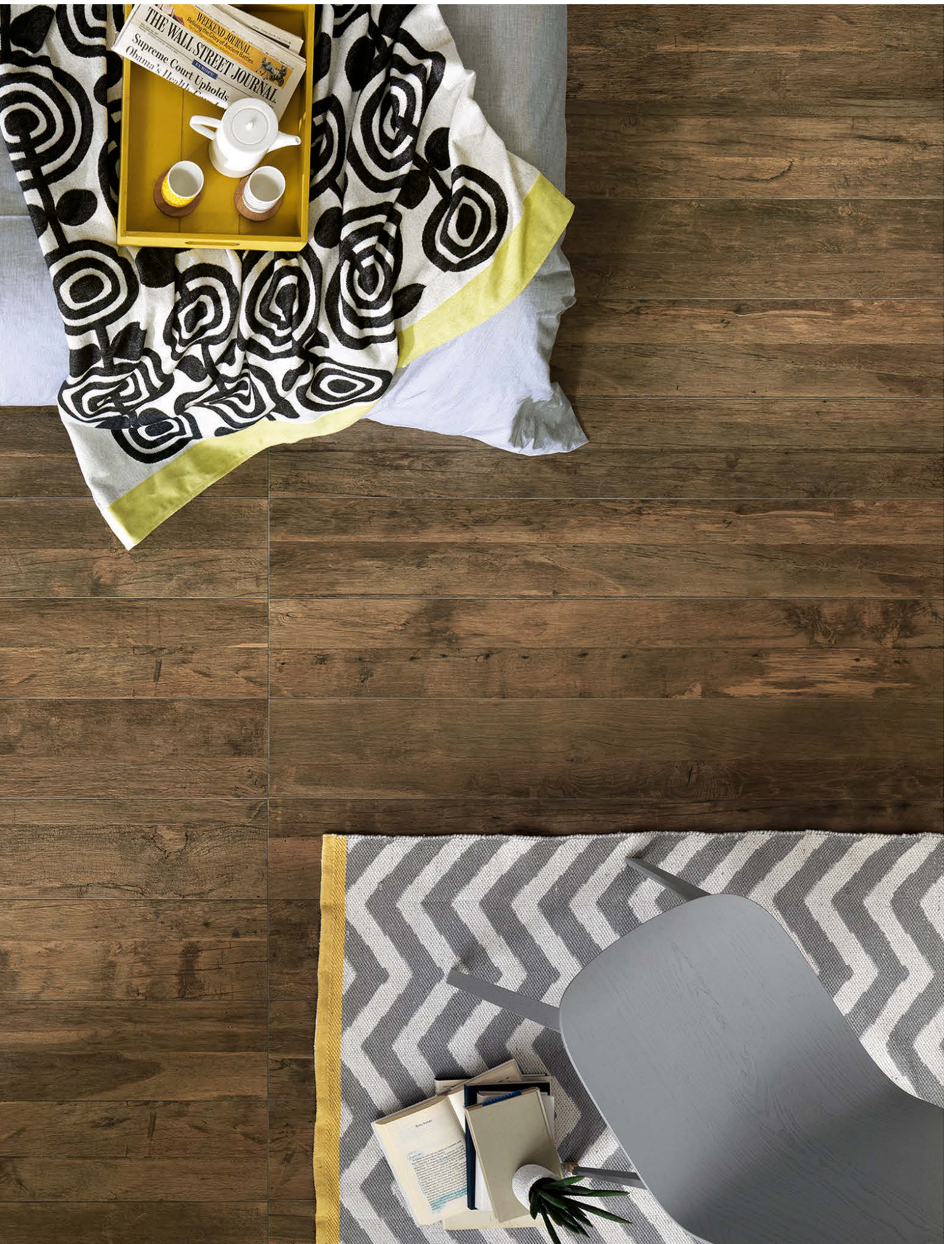


wood



Old Walnut 20x180

Lea Ceramiche



Gres tutta massa UGL  
 Full-body porcelain UGL  
 Grès Cérame pleine masse UGL  
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10	RECT 2 mm (INDOOR)
	DIN 51097 A+B	NON RECT 3-4 mm Approx (INDOOR)
	BCR-TORTUS $\mu >0,40$	OUTDOOR 5-6 mm Approx (*)
	ANSI A326.3 DCOF $\geq 0.42$	

(\*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali  
 Decision by the Construction Manager / National Laying Standards  
 Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die  
 Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

## Imballi

### Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	20x180	8"x71"	3	1,08	25,5	48	51,8	1.224,0
Fondo	20x121,5	8"x48"	5	1,22	26,9	24	29,2	645,6
Decoro Full	20x90	8"x36"	4	0,72	20,0	30	21,6	600,0
Decoro Pied de poule	20x90	8"x36"	4	0,72	20,0	30	21,6	600,0
Decoro Fram	-	-	6	0,29	9,0	96	27,6	864,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	16,0	56	403,2 m.l.	896,0

# Bio Recover.



Spessore / Thickness / Epaisseur / Stärke  
9,5mm (20x121,5) / 10,5mm (20x180)

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 3 Colori / Colors / Couleurs / Farben

Warm  
Cream




Golden  
Flame



Old  
Walnut

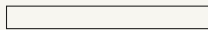


## 2 Formati / Sizes / Formats / Formate

 gres porcellanato



20x121,5cm\*  
8"x48"



20x180cm  
8"x72" 

\*non rettificato / not rectified / non rectifié / ungeschliffen

## 1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen



commerciale intensivo  
intensive commercial  
commercial intensif  
Intensive gewerbliche  
Anwendungen

wood



Full Blue Golden Flame 20x90



Lea Ceramiche



## Decori

Decors / Articles / Dekore

## Pezzi speciali

Trims / Pièces spéciales / Formstücke

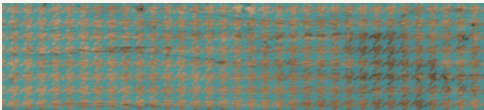
### PIED DE POULE WHITE

20x90cm / 8"x36"



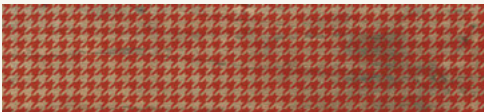
### PIED DE POULE BLUE

20x90cm / 8"x36"

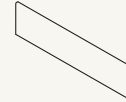


### PIED DE POULE RED

20x90cm / 8"x36"



battiscopa  
10x60cm / 4"x24" rett



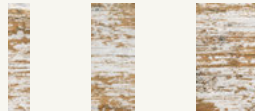
### FULL WHITE

20x90cm / 8"x36"



### FRAM WHITE

4x20cm / 1<sup>9</sup>/<sub>16</sub>"x8"  
8x20cm / 3<sup>1</sup>/<sub>8</sub>"x8"  
12x20cm / 4<sup>3</sup>/<sub>4</sub>"x8"



### FULL BLUE

20x90cm / 8"x36"



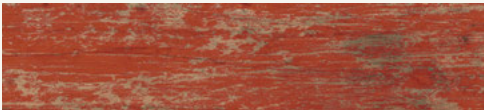
### FRAM BLUE

4x20cm / 1<sup>9</sup>/<sub>16</sub>"x8"  
8x20cm / 3<sup>1</sup>/<sub>8</sub>"x8"  
12x20cm / 4<sup>3</sup>/<sub>4</sub>"x8"



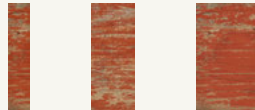
### FULL RED

20x90cm / 8"x36"



### FRAM RED

4x20cm / 1<sup>9</sup>/<sub>16</sub>"x8"  
8x20cm / 3<sup>1</sup>/<sub>8</sub>"x8"  
12x20cm / 4<sup>3</sup>/<sub>4</sub>"x8"



# 02e.

**Tridimensionalità, componibilità dei formati e disegni coordinati contraddistinguono molte collezioni dal forte contenuto di design. L'assenza di colori vistosi, lascia spazio a un misurato equilibrio cromatico, in cui eleganza, contemporaneità e gusto internazionale, trovano massima espressione.**

**La tridimensionnalité, la modularité des formats et les designs coordonnés caractérisent de nombreuses collections à fort contenu de design. L'absence de couleurs voyantes laisse place à un équilibre chromatique mesuré, où l'élégance, la contemporanéité et le goût international trouvent le maximum d'expression.**

**Three-dimensionality, modular sizes and coordinated designs distinguish many collections with a notable design content. The absence of bright colours enables a measured balance of colours, in which elegance, modernity and international taste are fully expressed.**

**Dreidimensionalität, kombinierbare Formate und aufeinander abgestimmte Muster charakterisierten viele Kollektionen mit starkem Designgehalt. Der Verzicht auf auffällige Farben lässt einem verhaltenen Farbgleichgewicht Raum, in dem Eleganz, Aktualität und internationaler Geschmack optimal zum Ausdruck kommen.**



# Shape & Color.



**Absolute.**

312 / 317



**Gouache.10.**

and Libeccio design Diego Grandi

318 / 325



**Naive.**

design Patrick Norguet

326 / 331



**Nest.**

design HOK Product Design

332 / 337



**City.**

design Diego Grandi

338 / 341

shape & color

AB EFGHI  
J LMNOPQ  
ST VWXY  
Zabcd fghjk  
l nopq t v  
wxy 123456  
7890β&?!((22)



Lea Ceramiche

# Absolute.



WALL  
Total White 100x300 sat

FLOOR  
Total White 100x100 sat



Ⓢ Total Black 100x100 sat





WALL


Total Black 100x300 lev



FLOOR

Total White 100x100 sat

Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	ANSI A326.3    DCOF $\geq 0.42$ (sat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
		Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
		OUTDOOR Vedi Manuale Tecnico Slimtech See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0

# Absolute.



Spessore / Thickness / Epaisseur / Stärke  
5,5mm → slimtech 5plus

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL

## 2 Colori / Colors / Couleurs / Farben

Total  
White



Total  
Black

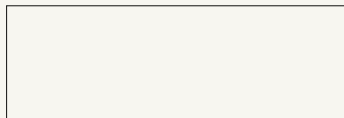


## 2 Formati / Sizes / Formats / Formate <sup>RT</sup>

**SLIMTECH**  
5plus



100x100cm  
39"x39"  
lev / sat



100x300cm  
39"x118"  
lev / sat

## 2 Finiture / Finishes / Surfaces / Oberfläche

**LEV**



residenziale (solo Total Black)  
residential (only Total Black)  
résidentiel (seulement Total Black)  
Wohnbereiche (nur Total Black)



commerciale leggero (solo Total White)  
light commercial (only Total White)  
commercial léger (seulement Total White)  
Leichte gewerbliche Anwendungen  
(nur Total White)

**SAT**



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero (solo Total Black)  
light commercial (only Total Black)  
commercial léger (seulement Total Black)  
Leichte gewerbliche Anwendungen  
(nur Total Black)

shape & color



 Cool Rain 100x100

Lea Ceramiche



# Gouache.10.

and Libeccio design Diego Grandi



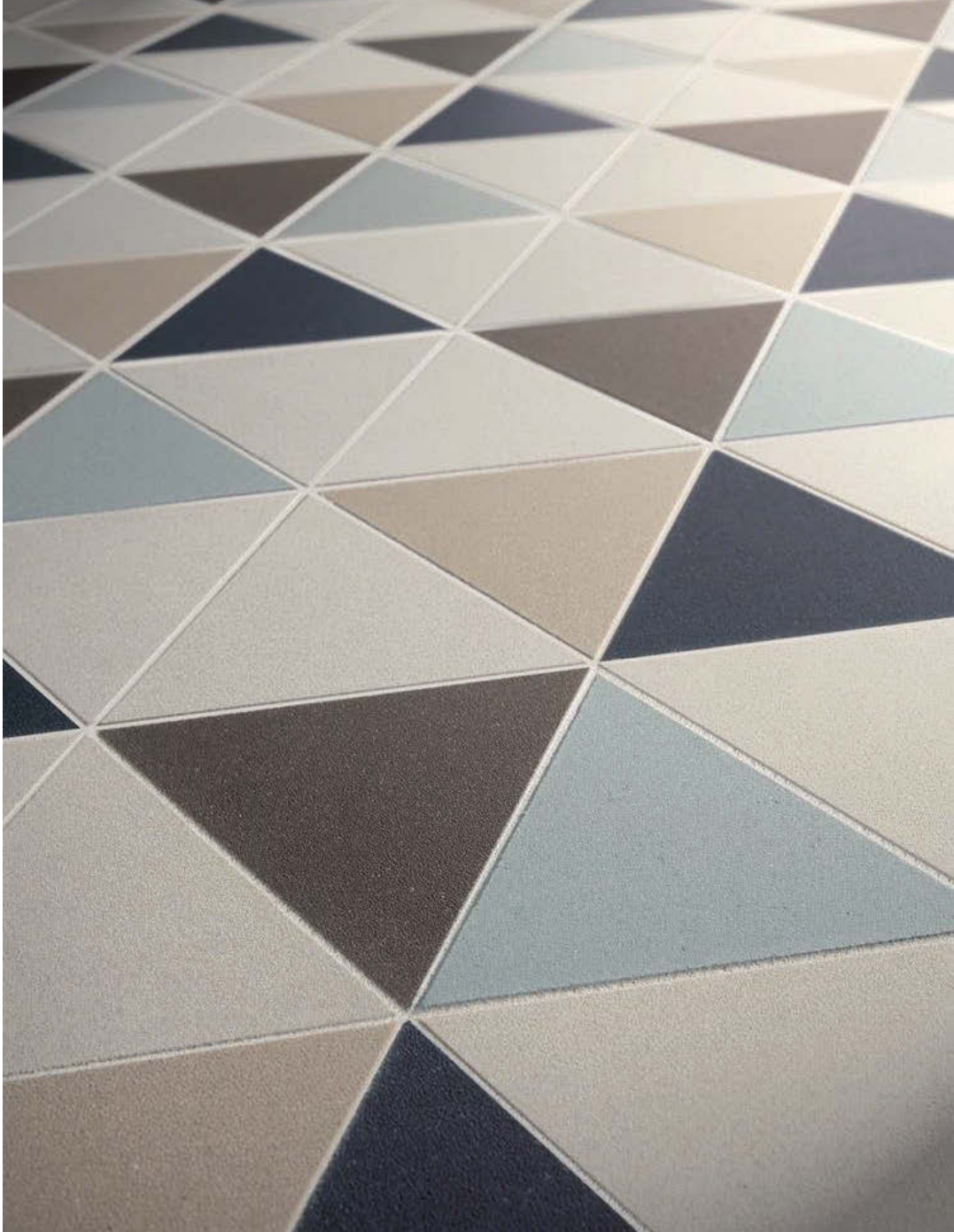


WALL  
Soft Sand 100x300



FLOOR  
Soft Sand 100x100

 Libeccio 02



shape & color

 Libeccio 01 cold 15,4x22,3

Lea Ceramiche



# Decori

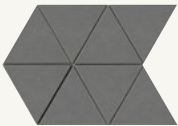
Decors / Articles / Dekore

# Libeccio design Diego Grandi

## Libeccio

cool rain

15,4x22,3cm 6 1/8" x 8 3/4"



## Libeccio 01

warm

15,4x22,3cm 6 1/8" x 8 3/4"



white cloud

15,4x22,3cm 6 1/8" x 8 3/4"



cold

15,4x22,3cm 6 1/8" x 8 3/4"



soft sand

15,4x22,3cm 6 1/8" x 8 3/4"



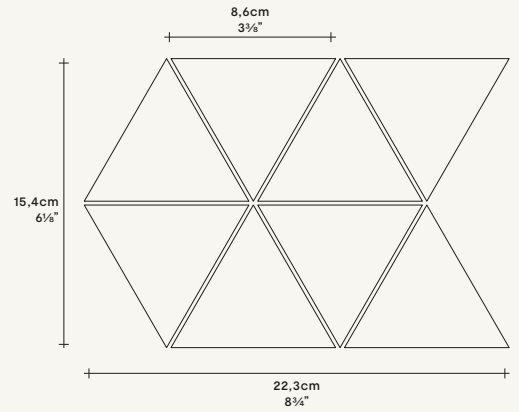
## Libeccio 02

15,4x22,3cm 6 1/8" x 8 3/4"




## Libeccio 03

15,4x22,3cm 6 1/8" x 8 3/4"



Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130 R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS $\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3 DCOF $\geq 0.42$	OUTDOOR Vedi Manuale Tecnico Slimtech See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19½"x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2
Decoro Libeccio	15,4x22,3	6¼"x8¾"	10	0,27	2,8	80	21,9	224,0

# Gouache.10.

and Libeccio design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke  
3,5mm → slimtech 3plus

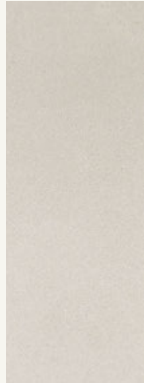
## 3 Colori / Colors / Couleurs / Farben

---

Cool  
Rain



White  
Cloud



Soft  
Sand



## 4 Formati / Sizes / Formats / Formate <sup>RT</sup>

---



4,9x100cm  
2"x39"

50x100cm  
19<sup>3/4</sup>"x39"

100x100cm  
39"x39"

100x300cm  
39"x118"

## 1 Finitura / Finish / Surface / Oberfläche

---

NAT



residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

shape & color



 Native Black 100x300

Lea Ceramiche



# Naive.

design Patrick Norguet



Naive Grey 100x300





Naive Black 100x300

Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

## Stonalizzazione

Shading / Denuançage /  
 Spielfarbig

ANSI A137.3



## Fuga minima consigliata

Minimum suggested joint  
 Joint minimum conseillé  
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand  
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden  
 2 mm (INDOOR)

OUTDOOR  
 Vedi Manuale Tecnico Slimtech  
 See Slimtech Technical Manual

## Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0

Lea Ceramiche

# Naive.

design Patrick Norguet



Spessore / Thickness / Epaisseur / Stärke  
5,5mm → slimtech 5plus

2 Colori / Colors / Couleurs / Farben

Awards

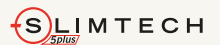
Naive  
Grey



Naive  
Black



2 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>



100x100cm  
39"x39"



100x300cm  
39"x118"

1 Finitura / Finish/ Surface / Oberfläche

NAT




residenziale  
residential  
résidentiel  
Wohnbereiche



commerciale leggero  
light commercial  
commercial léger  
Leichte gewerbliche  
Anwendungen

shape & color

 SRC020 Etagonno Triangolo 50

Lea Ceramiche

# Nest.

design Hok Product Design



shape & color



Ivory Flow Etagonno Triangolo 25



Lea Ceramiche



 Ivory Flow Ettagono Triangolo 25



Gres porcellanato laminato UGL rinforzato con fibra di vetro  
 Laminated porcelain stoneware UGL reinforced with fibreglass  
 Grès cérame laminé UGL, renforcé avec de la fibre de verre  
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

## Award



## Fuga minima consigliata

Minimum suggested joint  
 Joint minimum conseillé  
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand  
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden  
 2 mm (INDOOR)

## Imballi

Packing / Emballage / Verpackung

Articolo				Scatola			Pallet		
		cm	inch	pz.	mq	kg	scat.	mq	kg
Esagono	L 50 (3,5mm)	100x86,6	39"x34½"	1	0,65	5,2	-	-	-
Esagono	L 25 (3,5mm)	50x43,2	19½"x17"	1	0,16	1,3	-	-	-
Esagono	L 6,2 (3,5mm)	12,5x10,8	5"x4¼"	1	0,01	0,1	-	-	-
Ett.+Tria.	L 50 (3,5mm)	100x86,6	39"x34½"	1	0,65	5,2	-	-	-
Ett.+Tria.	L 25 (3,5mm)	50x43,2	19½"x17"	1	0,16	1,3	-	-	-
Ett.+Tria.	L 6,2 (3,5mm)	12,5x10,8	5"x4¼"	1	0,01	0,1	-	-	-
Esagono	L 50 (5,5mm)	100x86,6	39"x34½"	1	0,65	8,3	-	-	-
Esagono	L 25 (5,5mm)	50x43,2	19½"x17"	1	0,16	2,1	-	-	-
Esagono	L 6,2 (5,5mm)	12,5x10,8	5"x4¼"	1	0,01	0,1	-	-	-
Ett.+Tria.	L 50 (5,5mm)	100x86,6	39"x34½"	1	0,65	8,3	-	-	-
Ett.+Tria.	L 25 (5,5mm)	50x43,2	19½"x17"	1	0,16	2,1	-	-	-
Ett.+Tria.	L 6,2 (5,5mm)	12,5x10,8	5"x4¼"	1	0,01	0,1	-	-	-

# Nest.

design Hok Product Design



Spessore / Thickness / Epaisseur / Stärke  
3,5mm → slimtech 3plus / 5,5mm → slimtech 5plus

Realizzabile con le serie

Can be made with the following collections  
Réalizable avec les séries  
Realisierbar mit den Serien

ABSOLUTE / BASALTINA STONE PROJECT / GOUACHE.10 /  
RE-EVOLUTION / TAKE CARE / TIMELESS MARBLE / WATERFALL

ABSOLUTE  
Total Black



ABSOLUTE  
Total White



BASALTINA  
STONE  
PROJECT  
Sabbia



BASALTINA  
STONE  
PROJECT  
Naturale



BASALTINA  
STONE  
PROJECT  
Stuccata



GOUACHE.10  
White Cloud



GOUACHE.10  
Soft Sand



GOUACHE.10  
Cool Rain



RE-EVOLUTION  
SRC010



RE-EVOLUTION  
SRC020



RE-EVOLUTION  
SRC030



TAKE CARE  
T\_Moon



TAKE CARE  
T\_Snow



TAKE CARE  
T\_Ground



TAKE CARE  
C\_Moon



TAKE CARE  
C\_Snow



TAKE CARE  
C\_Ground



TIMELESS  
MARBLE  
Calacatta  
Gold Extra



TIMELESS  
MARBLE  
Pietra  
Gray



TIMELESS  
MARBLE  
Statuario  
White



TIMELESS  
MARBLE  
Lasa  
Bright



TIMELESS  
MARBLE  
Onice  
Venus



TIMELESS  
MARBLE  
Safari  
Amande



WATERFALL  
Ivory Flow



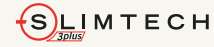
WATERFALL  
Silver Flow



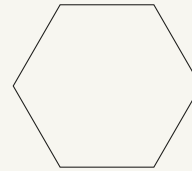
WATERFALL  
Gray Flow



WATERFALL  
Dark Flow



6 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>



\*Esagono

L 50cm / 19<sup>1</sup>/<sub>2</sub>"

100x86,6cm / 39"x34<sup>1</sup>/<sub>8</sub>"



\*Esagono

L 25cm / 10"

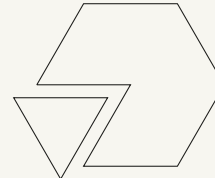
50x43,2cm / 19<sup>1</sup>/<sub>2</sub>"x17"



\*Esagono

L 6,2cm / 2<sup>1</sup>/<sub>2</sub>"

12,5x10,8cm / 5"x4<sup>1</sup>/<sub>4</sub>"



\*Ettagono

L 50cm / 19<sup>1</sup>/<sub>2</sub>"

100x86,6cm / 39"x34<sup>1</sup>/<sub>8</sub>"

\*Triangolo

L 50cm / 19<sup>1</sup>/<sub>2</sub>"



\*Ettagono

L 25cm / 10"

50x43,2cm / 19<sup>1</sup>/<sub>2</sub>"x17"

\*Triangolo

L 25cm / 10"



\*Ettagono

L 6,2cm / 2<sup>1</sup>/<sub>2</sub>"

12,5x10,8cm / 5"x4<sup>1</sup>/<sub>4</sub>"

\*Triangolo

L 6,2cm / 2<sup>1</sup>/<sub>2</sub>"

\*Su richiesta / Upon request / Sur demande / auf Anfrage

shape & color



Ⓢ  
Moscova Antracite 3D 30x60

Lea Ceramiche



# City.

design Diego Grandi



shape & color



Cordusio Bronze 3D 30x60

Lea Ceramiche

# City.

design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke  
11mm

2 Colori / Colors / Couleurs / Farben

Awards

Moscova  
antracite 3D



Cordusio  
bronze 3D



1 Formato / Size / Format / Formate <sup>RT</sup>



30x60cm  
12"x24"

 gres porcellanato

Gres smaltato a massa colorata GL . Colored-body glazed porcelain GL  
Grès émaillé a masse colorée GL . Glasiertes Feinsteinzeug mit farbiger masse GL

## Stonalizzazione

Shading / Denuançage /  
Spielfarbig

ANSI A137.1



## Fuga minima consigliata

Minimum suggested joint  
Joint minimum conseillé  
Empfohlene Fugenbreite

RECT  
2 mm (INDOOR)

## Imballi

Packing / Emballage / Verpackung

Articolo	cm		inch		Scatola		Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg	
Fondo	30x60	12"x24"	4	0,72	15,6	20	14,4	312,0	

L2 - 20mm



Concrete Light L2 90x90 grip



Lea Ceramiche



L2. 20mm



L2 - 20mm



WALL

04 Gray 30x60 Rough



FLOOR

04 Gray 60x120 Rough L2  
04 Gray trims Rough L2



Bio Select Oak Natural L2 30x120 grip

L2 - 20mm



Nextone Next Gray L2 60x60 grip

Lea - Ceramiche

Nextone Next Dark L2  
60x60 grip

Nextone Next Taupe L2  
60x120 grip



Gres tutta massa UGL  
Full-body porcelain UGL  
Grès Cérame pleine masse UGL  
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

## Stonalizzazione

## Resistenza allo scivolamento

## Informazioni per la posa

Shading / Denuançage /  
Spielfarbig

Slip resistance / Résistance au  
glissement / Rutschfestigkeit

Information for laying /  
Informations pour la pose /  
Informationen zur Verlegung

ANSI A137.1

DIN 51130

R11



### Cliffstone

White Dover L2 - Beige Madeira L2  
Taupe Moher L2 - Grey Tenerife L2

DIN 51097

(A+B+C)

B.C.R. - TORTUS

$\mu > 0,40$

ANSI A326.3

DCOF  $\geq 0.42$



### Anthology

01 White L2 - 04 Gray L2

### Bio Select

Oak Natural L2 - Oak Cloves L2

### Concrete

Extra Light L2 - Light L2

Medium L2 - Dark L2

### Nextone

Next White L2 - Next Gray L2

Next Taupe L2 - Next Dark L2

### Waterfall

Ivory Flow L2 - Silver Flow L2

Gray Flow L2 - Dark Flow L2



Posa su erba  
Dry laying on grass  
Pose sur herbe  
Verlegung auf Gras



Posa su ghiaia  
Laying on gravel  
Pose sur gravier  
Verlegung auf Kies



Posa su massetto con colla  
Laying on screed with adhesive  
Pose sur chape avec colle  
Kleberverlegung auf Estrich



Posa sopraelevata  
Outdoor laying on raised flooring  
Pose surélevée  
Doppelboden-Verlegung



### Anthology

02 Desert L2 - 03 Earth L2  
05 Dark L2

## Imballi

Packing / Emballage / Verpackung

Articolo	cm		inch		Scatola		Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg	
fondo (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0	
fondo (20mm)	60x120	24"x48"	1	0,72	32,5	32	23,0	1.040,0	
fondo (20mm)	30x120	12"x48"	2	0,72	33,3	32	23,0	1.064,0	
fondo (20mm)	45x90	18"x36"	2	0,81	36,2	24	19,4	869,5	
fondo (20mm)	60x60	24"x24"	2	0,72	33,6	32	23,0	1.075,2	
costa toro	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
costa toro angolare	30x60	12"x24"	1	0,14	6,1	100	13,5	610,0	
costa retta	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
costa retta angolare	30x60	12"x24"	1	0,14	6,1	100	13,5	610,0	
costa toro step	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
costa retta step	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
costa toro con gocc.	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
costa retta con gocc.	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5	
griglia	15x60	6"x24"	2	0,18	8,0	100	18,0	800,0	
griglia angolare	15x60	6"x24"	2	0,16	7,0	100	15,8	700,0	
costa toro	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4	
costa toro angolare	30x90	12"x36"	1	0,23	10,2	32	7,2	326,4	
costa retta	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4	
costa retta angolare	30x90	12"x36"	1	0,23	10,2	32	7,2	326,4	
costa toro step	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4	
costa retta step	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4	
griglia	15x45	6"x18"	4	0,27	10	48	13,0	480,0	
griglia angolare	15x45	6"x18"	4	0,23	10	48	10,8	480,0	

# L2.



Spessore / Thickness / Epaisseur / Stärke  
20mm

## 23 Colori / Colors / Couleurs / Farben

### WOOD

Bio Select



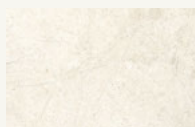
Oak Natural L2  
30x120



Oak Cloves L2  
30x120

### STONE

Anthology



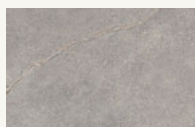
01 White L2  
60x120



02 Desert L2  
60x120



03 Earth L2  
60x120

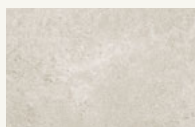


04 Gray L2  
60x120



05 Dark L2  
60x120

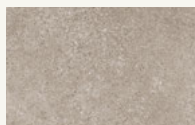
Cliffstone



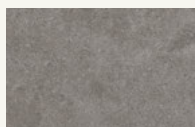
White Dover L2  
60x60



Beige Madeira L2  
60x60

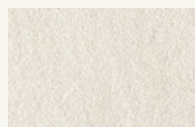


Taupe Moher L2  
60x60

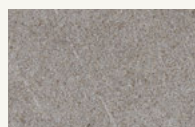


Grey Tenerife L2  
60x60

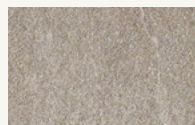
Nextone



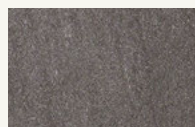
Next White L2  
60x120 / 60x60



Next Gray L2  
60x120 / 60x60

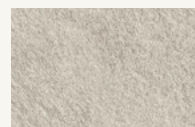


Next Taupe L2  
60x120 / 60x60



Next Dark L2  
60x120 / 60x60

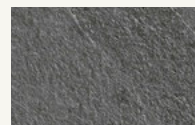
Waterfall



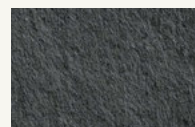
Ivory Flow L2  
90x90 / 45x90 / 60x60



Silver Flow L2  
90x90 / 45x90 / 60x60



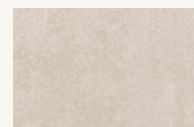
Gray Flow L2  
90x90 / 45x90 / 60x60



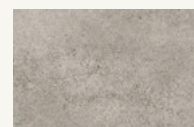
Dark Flow L2  
90x90 / 45x90 / 60x60

### CEMENT

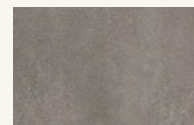
Concreto



Extra Light L2  
90x90



Light L2  
90x90



Medium L2  
90x90



Dark L2  
90x90

## 5 Formati / Sizes / Formats / Formate <sup>LR<sup>T</sup></sup>

L2 - 20mm



30x120cm  
12"x48"  
grip



45x90cm  
18"x36"  
grip



60x60cm  
24"x24"  
grip



60x120cm  
24"x48"  
grip / rough



90x90cm  
36"x36"  
grip

## 1 Finitura / Finish / Surface / Oberfläche

### GRIP / ROUGH



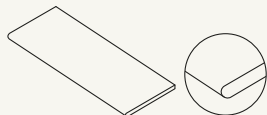
esterno  
outdoor  
extérieur  
Außenbereiche



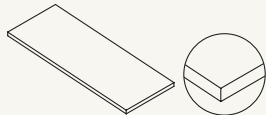
## Pezzi speciali

Trims / Pièces spéciales / Formstücke

### ANTHOLOGY / BIO SELECT / CLIFFSTONE / NEXTONE



**costa toro\***  
30x60cm / 12"x24" rett



**costa retta\***  
30x60cm / 12"x24" rett



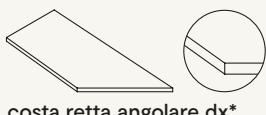
**costa toro angolare sx\***  
30x60cm / 12"x24" rett



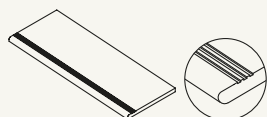
**costa retta angolare sx\***  
30x60cm / 12"x24" rett



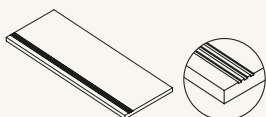
**costa toro angolare dx\***  
30x60cm / 12"x24" rett



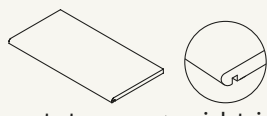
**costa retta angolare dx\***  
30x60cm / 12"x24" rett



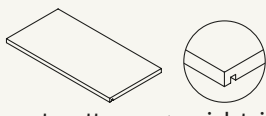
**costa toro step\***  
30x60cm / 12"x24" rett



**costa retta step\***  
30x60cm / 12"x24" rett



**costa toro con gocciolatoio\***  
30x60cm / 12"x24" rett



**costa retta con gocciolatoio\***  
30x60cm / 12"x24" rett



**griglia\***  
15x60cm / 6"x24" rett

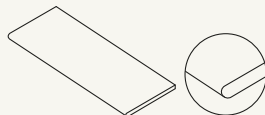


**griglia angolare sx\***  
15x60cm / 6"x24" rett

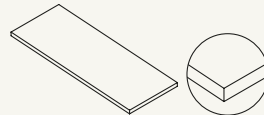


**griglia angolare dx\***  
15x60cm / 6"x24" rett

### WATERFALL / CONCRETO



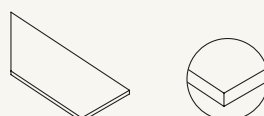
**costa toro\***  
30x90cm / 12"x36" rett



**costa retta\***  
30x90cm / 12"x36" rett



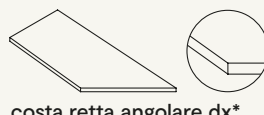
**costa toro angolare sx\***  
30x90cm / 12"x36" rett



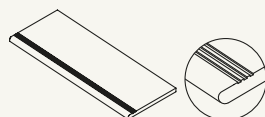
**costa retta angolare sx\***  
30x90cm / 12"x36" rett



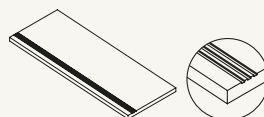
**costa toro angolare dx\***  
30x90cm / 12"x36" rett



**costa retta angolare dx\***  
30x90cm / 12"x36" rett



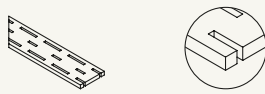
**costa toro step\***  
30x90cm / 12"x36" rett



**costa retta step\***  
30x90cm / 12"x36" rett



**griglia\***  
15x45cm / 6"x18" rett



**griglia angolare sx\***  
15x45cm / 6"x18" rett



**griglia angolare dx\***  
15x45cm / 6"x18" rett

\* Su richiesta. Per maggiori informazioni circa quantità minime e tempi di consegna rivolgersi all'ufficio commerciale. / Upon request. For more information about minimum quantities and delivery times please contact the sales department. / Sur demande. Pour plus d'informations sur les quantités minimales et délais de livraison s'il vous plaît contacter le département des ventes. / auf Anfrage. Für weitere Infos über die Mindestmengen und Lieferzeiten wenden Sie sich bitte an unserer Verkaufsabteilung.





Waterfall Ivory Flow L2 45x90 grip  
Waterfall Gray Flow L2 trims grip



03.

Technic

cal Info.

# Lea Ceramiche sviluppo ecosostenibile.

## Lea Ceramiche 100% eco friendly / Lea Ceramiche développement écho-sostenible / Lea Ceramiche umweltschonende nachhaltige entwicklung

### Lea Ceramiche e l'ambiente

Da sempre LEA CERAMICHE considera la tutela dell'ambiente un aspetto di grande rilevanza

- investendo in modo deciso nell'acquisto delle migliori tecnologie presenti sul mercato per ridurre al minimo gli impatti ambientali delle proprie attività;
- dotando tutti i dipendenti di un ambiente di lavoro ottimale;
- ottenendo prestigiose certificazioni ambientali.

Tutti i prodotti LEA CERAMICHE sono realizzati presso stabilimenti produttivi dotati di **Sistemi di Gestione Ambientale certificati:**

**ISO 14001: 2015** (norma riconosciuta a livello internazionale)

**EMAS** (Regolamento Europeo - Reg. CE 1221/09)

**La Dichiarazione Ambientale di Prodotto (EPD)** comunica in modo trasparente le prestazioni ambientali del gres porcellanato Lea Ceramiche basandosi sull'analisi del ciclo di vita (LCA). I prodotti Lea Ceramiche possiedono EPD specifica di tipo III, certificata da ente terzo indipendente secondo le normative EN 14025 e EN 15804 (PCR di riferimento). I Prodotti certificati EPD sono richiesti dai principali sistemi di certificazione degli edifici quali LEED (internazionale), BREEAM (Inghilterra), HQE (Francia) e DGNB (Germania), nonché in schemi legislativi in Italia (requisiti per appalti pubblici sostenibili). È una certificazione volontaria, che valorizza ancor più i materiali Lea Ceramiche perché prodotti secondo i migliori standard di sostenibilità e responsabilità.

### Lea Ceramiche and the environment

Lea Ceramiche has always considered environmental protection a matter of great importance

- investing in the best technologies on the market to minimize the environmental impact of its activities;
- giving all employees an excellent working environment;
- obtaining prestigious environmental certifications.

All LEA CERAMICHE products are manufactured in production sites that are certified with **Environmental Management Systems:**

**ISO 14001: 2015** (internationally recognized standard)

**EMAS** (European Regulation - EC Reg 1221/09)

**The Environmental Product Declaration (EPD)** is a transparency tool that communicates the environmental performances of Lea Ceramiche porcelain tile through a Life Cycle Assessment (LCA). Lea Ceramiche products have a type III specific EPD. This is certified by an independent third party according to EN 14025 and EN 15804 standards (applicable PCR). EPD certified products are required by the main construction certifying bodies such as LEED (international), BREEAM (England), HQE (France), and DGNB (Germany), as well as the legislative frameworks in Italy (requisites for sustainable public contracts).

### Lea Ceramiche salvaguardia dell'ambiente

L'incessante ricerca di prestazioni di eccellenza in merito al rispetto dell'ambiente ha condotto LEA CERAMICHE al costante rispetto dei seguenti principi.

### Lea Ceramiche cares for the environment

LEA CERAMICHE's incessant strive for excellence has led us to respect the following principles when dealing with the environment.



#### RIUTILIZZO DEL 100% DEGLI SCARTI CRUDI

Il 100% degli scarti crudi derivanti dal ciclo di produzione vengono riutilizzati nella fase di preparazione dell'impasto, contribuendo in modo sensibile alla salvaguardia delle risorse naturali riducendo l'estrazione di materie prime da cava.



#### RIUTILIZZO/RICICLO DEL 100% DEGLI SCARTI COTTI

Gli scarti cotti sono completamente riutilizzati nel ciclo produttivo. Inoltre, a fine vita, le piastrelle LEA CERAMICHE possono essere riciclate come inerti per sottofondi di strade ed edifici, riducendo così l'uso di ghiaia ed inerti naturali comunemente utilizzati in edilizia.



#### RICICLO DEL 100% DEI RIFIUTI NON CERAMICI

Il 100% dei rifiuti non ceramici derivanti dalle attività produttive è gestito in modo differenziato e riciclato in altri processi produttivi.



#### RIUTILIZZO DEL 100% DELLE ACQUE DI PROCESSO

La produzione di piastrelle di ceramica richiede ingenti quantitativi di acqua. Per salvaguardare questa importante risorsa naturale LEA CERAMICHE riutilizza il 100% delle acque reflue derivanti dal ciclo di produzione, generando una riduzione fino all'80% del fabbisogno idrico degli stabilimenti.



#### BASSE EMISSIONI IN ATMOSFERA

Gli importanti investimenti attuati nelle migliori tecnologie a disposizione permettono di realizzare i prodotti LEA CERAMICHE riducendo al minimo le emissioni gassose in atmosfera, raggiungendo livelli 10 volte inferiori ai severi limiti ambientali richiesti dalla legislazione italiana.



#### FORTE RIDUZIONE DEI CONSUMI ENERGETICI

L'uso di tecnologie all'avanguardia e di soluzioni impiantistiche ottimali riducono sensibilmente l'uso di gas metano nel processo produttivo.



#### UTILIZZO DI IMBALLAGGI 100% RICICLABILI

I materiali impiegati per gli imballaggi dei prodotti LEA CERAMICHE (quali scatole, cartone, plastica, palette in legno, etc.) sono completamente riciclabili.



#### PALLET FAO

LEA CERAMICHE utilizza pallet senza corteccia conformi allo standard IPPC / FAO ISPM 15, offrendo quindi ai Paesi importatori ogni garanzia per la salvaguardia del proprio patrimonio forestale.

#### 100% INDUSTRIAL WASTE REUSED - NON FIRED TILES

The totality of the non fired material, which does not comply with our high quality standards, is reused in the production cycle. As these products are not yet fired, they can be reinserted in the initial phases of the production cycle. Recycling of this waste also reduces the need of raw materials.

#### 100% REUSE/RECYCLING OF THE INDUSTRIAL WASTE - FIRED TILES

The waste-fired tiles are fully reused in the production cycle. In addition, at the end of life, the tiles LEA CERAMICHE can be recycled as materials for substrates for roads and buildings, thus reducing the use of gravel and natural aggregates commonly used in building.

#### 100% INDUSTRIAL WASTE RECYCLED - NON CERAMIC WASTE

The totality of the non ceramic waste is differentiated and recycled in other production cycles.

#### 100% WASTE WATER RECYCLED - SAFEGUARD OF NATURAL RESOURCES

The production of tiles requires important amounts of water. So as to safeguard this precious resource LEA CERAMICHE recycles 100% of waste water from the production cycle. This allows the reduction of water consumption up to 80%. None of the water used in the production cycle is discharged into the ecosystem.

#### LOW GAS EMISSIONS INTO THE ATMOSPHERE

LEA CERAMICHE complies strictly to Italian Standards. The strive for excellence has led us to invest in high quality technology that keeps our emissions 10 times inferior the allowed limits.

#### METHANE CONSUMPTION IS HIGHLY REDUCED

By the use of up to date technologies and customized installations.

#### 100% RECYCLABLE MATERIAL USED FOR PACKING

The materials used for the packing of LEA CERAMICHE products are completely recyclable. These materials include carton boxes, plastic materials, wooden pallets, etc.

#### FAO PALLETS

For shipments LEA CERAMICHE uses debarked pallets (DB), in accordance with the IPPC / FAO ISPM 15 standards. This is a further warranty for the forest safeguard of countries importing LEA CERAMICHE products.

## Lea Ceramiche et l'environnement

Depuis toujours LEA CERAMICHE considère la protection de l'environnement un aspect très important

- en investissant dans l'acquisition des technologies, les meilleures, pour réduire au moindre les impacts des propres activités;
- donnant à tous ses employés, une ambiance de travail optimale;
- obtenant des précieuses certifications.

Tous les produits LEA CÉRAMIQUES sont fabriqués dans des sites productives dotés de **Systèmes de Gestion Ambient certifiés:**  
**ISO 14001: 2015** (norme reconnue à niveau international)  
**EMAS** (Règlement européen- Reg. CE 1221/09)

**La Déclaration Environnementale Produit (DEP)** communique de manière transparente les performances environnementales du grès cérame Lea Ceramiche en se basant sur l'analyse du cycle de vie (ACV). Les produits Lea Ceramiche possèdent la déclaration environnementale (DEP) de type III, certifiée par un tiers indépendant conformément aux normes EN 14025 et EN 15804 (PCR de référence). Les produits certifiés DEP sont requis par les principaux organismes de certification pour la construction comme LEED (pour l'international), BREEAM (Angleterre), HQE (France) et DGNB (Allemagne), et par les cadres législatifs prévus en Italie (conditions pour participer aux marchés publics durables). Cette certification est une démarche volontaire, et vise à apporter une valeur supplémentaire aux matériaux Lea Ceramiche, fabriqués de manière responsable et selon les meilleurs standards écologiques.

## Lea Ceramiche préservation de l'environnement

La recherche incessante de prestations d'excellence afin de préserver l'environnement a conduit LEA CERAMICHE au suivi constant des principes suivants.

### REUTILISATION DE 100 % DES DÉCHETS BRUTS

100 % des déchets bruts provenant du cycle de production sont réutilisés pendant la phase de préparation de la pâte, contribuant sensiblement à la préservation des ressources naturelles réduisant l'extraction de matières premières minières.

### RÉUTILISATION/RECYCLAGE DE 100 % DES REBUTS DE CUISSON

Les rebuts de cuisson sont entièrement réutilisés dans le cycle de production. En fin de vie, les carreaux Lea Ceramiche peuvent par ailleurs être utilisés comme granulats pour les soubassements de routes et de bâtiments, ce qui permet de réduire l'utilisation de gravier et de granulats naturels habituellement utilisés en construction.

### RECYCLAGE DE 100 % DES DÉCHETS NON CÉRAMIQUES

100 % des déchets non céramiques provenant des activités de production sont triés de façon sélective puis recyclés dans d'autres processus de production.

### RÉUTILISATION DE 100 % DES EAUX DE TRAITEMENT

La production de carrelages demande une quantité d'eau considérable. Pour préserver cette ressource naturelle importante, LEA CERAMICHE réutilise 100 % des eaux usées provenant du cycle de production, ce qui permet de réduire jusqu'à 80 % des besoins hydrauliques des usines.

### BASSES ÉMISSIONS DANS L'ATMOSPHÈRE

Les importants investissements actuels dans les meilleures technologies qui sont à notre disposition permettent de réaliser les produits LEA CERAMICHE, en réduisant au minimum les émissions de gaz dans l'atmosphère, et en atteignant des niveaux dix fois inférieurs aux limites environnementales très sévères fixées par la législation italienne.

### FORTE RÉDUCTION DES CONSOMMATIONS ÉNERGÉTIQUES

L'utilisation de technologies de pointe et de solutions d'installations optimales permettent de réduire considérablement la consommation de gaz méthane dans le processus de production.

### UTILISATION D'EMBALLAGES 100 % RECYCLABLES

Les matériaux utilisés pour les emballages des produits LEA CERAMICHE (dont des boîtes, du carton, du plastique, des palettes en bois, etc.) sont complètement recyclables.

### PALETTES FAO

LEA CERAMICHE utilise des palettes sans écorce (DB) conformes aux normes IPPC / FAO ISPM 15, offrant donc aux Pays importateurs la garantie de la préservation du patrimoine forestier.

## Lea Ceramiche und die umwelt

Seit immer betrachtet LEA CERAMICHE den Umweltschutz als Aspekt der höchsten Relevanz

- weil sie eindeutig in der Ausstattung der besten auf dem Markt vorhandenen Technologien investiert, um die Umweltbelastung ihrer Aktivitäten drastisch zu reduzieren;
- weil sie einen sauberen, optimalen Arbeitsraum allen Mitarbeitern besorgt;
- weil sie wichtige, internationale Öko-Zertifikate erhält.

Alle Produkte von LEA CERAMICHE sind bei Produktionsstätten hergestellt, die mit **Umweltfreundlichen Führungssystemen ausgestattet sind:**  
**SO 14001: 2015** (weltweit anerkannte Norm)  
**EMAS** (europäische Regelung - Reg. CE 1221/09)

**Die Umwelt-Produktdeklaration (EPD)** teilt in einer transparenten Art und Weise die Umweltleistung von Feinsteinzeug Lea Ceramiche auf der Grundlage der "Lebenszyklusanalyse" (LCA) mit. Die Produkte Lea Ceramiche verfügen über eine EPD vom Typ III, die von einem unabhängigen Dritten nach den Normen EN 14025 und EN 15804 (Referenz-PCR) zertifiziert wurde. EPD-zertifizierte Produkte werden von den wichtigsten Gebäudezertifizierungssystemen gefordert, wie z.B. LEED (International), BREEAM (England), HQE (Frankreich) und DGNB (Deutschland), sowie in Gesetzgebungsregelungen in Italien (Anforderungen für nachhaltige öffentliche Beschaffung) verlangt wird. Es ist eine freiwillige Zertifizierung, die die Materialien Lea Ceramiche Produkte weiter aufwertet, da sie nach den höchsten Standards der Nachhaltigkeit und Verantwortung produziert werden

## Lea Ceramiche Umweltschutz

Das unaufhörliche Bestreben nach hervorragenden Leistungen hinsichtlich der Umwelt brachte LEA CERAMICHE zur ständigen Einhaltung folgender Prinzipien.

### WIEDERVERWERTUNG VON 100 % DER ROHABFÄLLE

100% der Rohabfälle aus dem Produktionszyklus werden in der Vorbereitungsphase des Gemisches wiederverwertet und tragen somit ihren Teil zum Schutz der Naturressourcen bei, indem sie den Abbau von Rohmaterialien verringern.

### WIEDERVERWENDUNG/-VERWERTUNG ZU 100% DER BEIM BRENNEN DER FLIESEN ANFALLENDEN ABFÄLLE

Die beim Brennen der Fliesen anfallenden Abfälle werden vollständig wieder in den Produktionszyklus aufgenommen. Außerdem können die Fliesen LEA Ceramiche nach ihrem "Lebensende" als inertes Material als Untergrund für Straßen oder Gebäude verwendet werden und somit den Einsatz von gewöhnlicherweise im Bauwesen eingesetzten Kies und inerten Naturmaterialien reduzieren.

### 100 % RECYCLING DES NICHT KERAMISCHEN ABFALLS

100 % der während dem Produktionsprozess anfallenden nicht keramischen Abfälle wird getrennt verwaltet und in anderen Produktionsprozessen wiederverwertet.

### WIEDERVERWERTUNG VON 100 % DES ABWASSERS

Die Herstellung von Keramikfliesen erfordert beträchtliche Wassermengen. Um diese wichtige Naturressource zu schützen, verwertet LEA CERAMICHE 100 % der Abwässer des Produktionszyklus wieder und ermöglicht somit eine Reduktion des Wasserbedarfs in den Anlagen von bis zu 80 %.

### NIEDRIGE EMISSIONSWERTE

Dank der starken Investitionen in die modernsten, verfügbaren Produktionstechnologien ist es uns möglich, sämtliche Produkte von LEA CERAMICHE so herzustellen, dass die Schadstoffemissionen in die Atmosphäre auf das Geringste reduziert werden. Wir erreichen dabei ein Niveau, das 10 mal unter den strengen Grenzwerten der italienischen Gesetzgebung liegt.

### BEACHTLICHE REDUZIERUNG DES ENERGIEBEDARFS

Der Einsatz fortschrittlicher Technologien und optimaler Lösungen beim Bau der Anlagen reduzieren den Einsatz von Methangas beim Produktionsprozess auf beachtliche Weise.

### VERWENDUNG VON 100 % RECYCLEBAREN VERPACKUNGEN

Die Materialien, die zur Verpackung der Produkte von LEA CERAMICHE verwendet werden (Schachteln, Kartons, Kunststoffe, Holzpaletten, usw.) sind vollständig recyclebar.

### FAO-PALETTE

LEA CERAMICHE verwendet gemäß dem Standard IPPC/FAO ISPM 15 Paletten ohne Rinde (DB) und gibt daher den Importländern die Garantie, den eigenen Waldbestand zu schützen.

# Certificazioni di prodotto.

## Product certification / Certifications de produit / Bescheinigung des produkts

Di seguito riportate le certificazioni ottenute da Lea Ceramiche a testimonianza della massima attenzione e sensibilità verso le questione etiche, ambientali e di sicurezza e qualità. Per maggiori dettagli e per scaricare i certificati vi invitiamo a consultare il nostro sito: [www.ceramichelea.it](http://www.ceramichelea.it).

Below are the certifications obtained by Lea Ceramiche attesting to the utmost attention and sensitivity shown towards ethical, environmental, safety and quality issues. For more details and to download the certificates, please visit our website: [www.ceramichelea.it](http://www.ceramichelea.it).

CERTIFICAZIONE CERTIFICATION	DESCRIZIONE	DESCRIPTION
	UPEC è una certificazione di prodotto rilasciata dall'istituto francese CSTB che verifica l'idoneità tecnica dei prodotti in relazione al tipo di destinazione d'uso.	UPEC is a product certification issued by the French institution CSTB, verifying the technical suitability of the products related to their intended use.
	La marcatura CE è la certificazione di sicurezza del prodotto richiesta dall'Unione Europea e ha lo scopo di salvaguardare la salute delle persone.	The CE mark is a safety certification required by the European Union with the intention of safeguarding health and safety.
	Il marchio KEY-MARK e il marchio Certiquality-UNI attestano che i prodotti certificati sono conformi alle normative europee per le piastrelle ceramiche.	The KEY-MARK and the Certiquality-UNI marks confirm that the certified products are compliant with the EU laws regarding ceramic tiles.
	La Dichiarazione Ambientale di Prodotto (EPD) comunica in modo trasparente le prestazioni ambientali del gres porcellanato Lea Ceramiche basandosi sull'analisi del ciclo di vita (LCA). I prodotti Lea Ceramiche possiedono EPD specifica di tipo III, certificata da ente terzo indipendente secondo le normative EN 14025 e EN 15804 (PCR di riferimento). I Prodotti certificati EPD sono richiesti dai principali sistemi di certificazione degli edifici quali LEED (internazionale), BREEAM (Inghilterra), HQE (Francia) e DGNB (Germania), nonché in schemi legislativi in Italia (requisiti per appalti pubblici sostenibili). È una certificazione volontaria, che valorizza ancor più i materiali Lea Ceramiche perché prodotti secondo i migliori standard di sostenibilità e responsabilità.	The Environmental Product Declaration (EPD) is a transparency tool that communicates the environmental performances of Lea Ceramiche porcelain tile through a Life Cycle Assessment (LCA). Lea Ceramiche products have a type III specific EPD. This is certified by an independent third party according to EN 14025 and EN 15804 standards (applicable PCR). EPD certified products are required by the main construction certifying bodies such as LEED (international), BREEAM (England), HQE (France), and DGNB (Germany), as well as the legislative frameworks in Italy (requisites for sustainable public contracts).
	Il marchio GREENGUARD certifica i prodotti che negli ambienti interni garantiscono i più elevati standard di qualità dell'aria. Tutte le collezioni Lea Ceramiche in gres porcellanato e Slimtech hanno ottenuto la certificazione GREENGUARD GOLD, cioè lo standard di UL con i limiti più stringenti di emissioni di VOC, e sono perciò in grado di assicurare la migliore salubrità alle persone che vivono e che abitano gli ambienti. Per questo possono essere impiegate in ambienti come scuole e strutture sanitarie, frequentate da soggetti sensibili come i bambini e gli anziani. GREENGUARD GOLD è una certificazione ampiamente riconosciuta e richiesta dai programmi di edilizia sostenibile e dai regolamenti di progettazione e costruzione in tutto il mondo, come il LEED (internazionale) e il BREEAM (UK).	GREENGUARD certifies products that guarantee the highest standards of air quality in indoor environments. All porcelain stoneware and Slimtech Lea Ceramiche collections have obtained GREENGUARD GOLD certification, i.e. the UL standard with the strictest VOC emission limits, and are therefore able to ensure that they are as healthy as possible for the people who use and inhabit these environments. They can therefore be used in environments such as schools and health facilities, attended by sensitive individuals such as children and the elderly. GREENGUARD GOLD is a widely recognised certification required by sustainable building programmes and design and construction regulations around the world, such as LEED (international) and BREEAM (UK).
	Per gran parte dei suoi prodotti, Lea Ceramiche ha ottenuto una certificazione relativa al contenuto di materiale riciclato pre-consumer. Questa caratteristica di eco-sostenibilità contribuisce all'ottenimento di crediti previsti da diversi standard edilizi internazionali.	It is a voluntary certification that gives additional value to Lea Ceramiche products because they are manufactured according to the highest standards of sustainability and responsibility
	Lea Ceramiche è membro del U.S. Green Building Council e del Green Building Council ITALIA, organizzazioni che promuovono la realizzazione di edifici ed opere nel rispetto dell'ambiente, della salute e del benessere delle persone che ci vivono e lavorano.	Lea Ceramiche is a member of the U.S. Green Building Council and of the Green Building Council ITALIA. These organizations promote the construction of buildings and other works which respect the environment as well as the health and well-being of the people who live and work within them.

Ci-après, les certifications obtenues par Lea Ceramiche qui témoignent de la plus haute attention et sensibilité envers les questions éthiques, environnementales, de sécurité et de qualité. Pour plus de détails et pour télécharger les certificats, nous vous invitons à consulter notre nouveau site : [www.ceramichelea.it](http://www.ceramichelea.it).

Im Folgenden finden Sie die Zertifizierungen, die Lea Ceramiche verliehen wurden als Anerkennung für deren große Bemühungen und Sorgfalt im Umgang mit ethischen, ökologischen, Sicherheits- und Qualitätsproblemen. Für weitere Details und um die Zertifikate herunterzuladen, besuchen Sie bitte unsere Website: [www.ceramichelea.it](http://www.ceramichelea.it)

CERTIFICATIONS  
BESCHEINIGUNG

DESCRIPTION

BESCHREIBUNG



Il s'agit d'une certification de produit, délivrée par l'Établissement français CSTB, qui vérifie la conformité technique des produits de premier choix par rapport à la destination d'usage.

Es handelt sich um eine Produktzertifizierung, die vom französischen Institut CSTB ausgestellt wird. Die Behörde prüft die technische Eignung von Erzeugnissen erster Wahl im Verhältnis zu ihrem Verwendungszweck.



La marque CE est la certification de sécurité des produits demandé par l'Union Européenne ayant comme objectif la protection et la santé des personnes.

Das CE- Kennzeichnung ist die von EU angefragte Zertifizierung für die Produkt- Sicherheit, und hat das Zweck die Gesundheit der Menschen zu schützen und die Güter in der Bauphase zu bewahren.



Le Label KEY-MARK et le Label Certiquality-UNI attestent que les produits certifiés sont conformes aux normes européennes pour les carreaux céramiques.

Die Kennzeichnung KEY-MARK und die Kennzeichnung Certiquality-UNI bescheinigen, dass die zertifizierten Produkte den Europäischen Richtlinien für Keramikfliesen entsprechen.



La Déclaration Environnementale Produit (DEP) communique de manière transparente les performances environnementales du grès cérame Lea Ceramiche en se basant sur l'analyse du cycle de vie (ACV). Les produits Lea Ceramiche possèdent la déclaration environnementale (DEP) de type III, certifiée par un tiers indépendant conformément aux normes EN 14025 et EN 15804 (PCR de référence). Les produits certifiés DEP sont requis par les principaux organismes de certification pour la construction comme LEED (pour l'international), BREEAM (Angleterre), HQE (France) et DGNB (Allemagne), et par les cadres législatifs prévus en Italie (conditions pour participer aux marchés publics durables). Cette certification est une démarche volontaire, et vise à apporter une valeur supplémentaire aux matériaux Lea Ceramiche, fabriqués de manière responsable et selon les meilleurs standards écologiques.

Die Umwelt-Produktdeklaration (EPD) teilt in einer transparenten Art und Weise die Umweltleistung von Feinsteinzeug Lea Ceramiche auf der Grundlage der "Lebenszyklusanalyse" (LCA) mit. Die Produkte Lea Ceramiche verfügen über eine EPD vom Typ III, die von einem unabhängigen Dritten nach den Normen EN 14025 und EN 15804 (Referenz-PCR) zertifiziert wurde. EPD-zertifizierte Produkte werden von den wichtigsten Gebäudezertifizierungssystemen gefordert, wie z.B LEED (International), BREEAM (England), HQE (Frankreich) und DGNB (Deutschland), sowie in Gesetzgebungsregelungen in Italien (Anforderungen für nachhaltige öffentliche Beschaffung) verlangt wird. Es ist eine freiwillige Zertifizierung, die die Materialien Lea Ceramiche Produkte weiter aufwertet, da sie nach den höchsten Standards der Nachhaltigkeit und Verantwortung produziert werden.



La marque GREENGUARD certifie les produits qui garantissent les standards de qualité de l'air les plus élevés dans les pièces intérieures. Toutes les collections Lea Ceramiche en grès cérame et Slimtech ont obtenu la certification GREENGUARD GOLD, qui est le standard de UL ayant les critères les plus sévères en matière d'émission de COV, et elles sont en mesure de garantir la meilleure salubrité aux personnes qui vivent et habitent les pièces. Elles peuvent donc être utilisées dans des locaux comme les structures sanitaires, fréquentées par des individus sensibles tels que les enfants et les personnes âgées. GREENGUARD GOLD est une certification amplement reconnue et exigée par les programmes de bâtiment durable et par les règlements de conception et construction du monde entier, comme le LEED (international) et le BREEAM (GB).

Die Marke GREENGUARD zertifiziert die Produkte, die in Innenbereichen höchste Luftqualitätsstandards garantieren. Alle Lea Ceramiche Kollektionen aus Feinsteinzeug und Slimtech haben die GREENGUARD GOLD-Zertifizierung, d.h. den UL-Standard mit den strengsten Beschränkungen für VOC-Emissionen erhalten, und sind somit in der Lage, den Bewohnern der Räume maximale Gesundheit zu garantieren. Deshalb können sie in Umgebungen wie Schulen und Gesundheitseinrichtungen eingesetzt werden, die von empfindlichen Personen wie Kindern und älteren Menschen besucht werden. GREENGUARD GOLD ist eine weithin anerkannte Zertifizierung, die von nachhaltigen Bauprogrammen sowie weltweiten Planungs- und Baubewertungssystemen wie LEED (international) und BREEAM (Vereinigtes Königreich) gefordert wird.



Pour la plupart de ses produits, Lea Ceramiche a obtenu une certification liée au contenu du matériel pré-consommateur recyclé. Cette caractéristique de l'éco-durabilité contribue à l'obtention de crédits fournis par différentes normes de construction internationales.

Für die meisten seiner Produkte hat Lea Ceramiche gewonnen eine Zertifizierung in Bezug auf den Inhalt des Materials recycelter Pre-Consumer. Dieses Merkmal der ökologischen Nachhaltigkeit trägt dazu bei, Kredite von unterschiedliche internationale Baunormen.



Lea Ceramiche est membre de l'U.S. Green Building Council et du Green Building Council d'Italie. Ces organisations promeuvent la réalisation de bâtiments et de travaux qui respectent l'environnement, la santé et le bien-être des personnes qui travaillent à la réalisation et de celles pour lesquelles elle est destinée.

Lea Ceramiche ist ein Mitglied des US-Green Building Councils und des Green Building Councils ITALIEN, beides Organisationen, die den Bau von Gebäuden und Strukturen unter Beachtung der Umwelt, Gesundheit und des Wohlbefindens der Menschen, die darin leben und arbeiten, fördern.

# Certificazione di sistema.

## Certifications of management system / Certifications du système de production / Qualitätssystem Zertifizierungen

Di seguito sono riportate le certificazioni di sistema ottenute da Panariagroup per i suoi stabilimenti. Per quanto riguarda il sistema di gestione della qualità, la certificazione ISO 9001 si estende a tutte le divisioni commerciali e alle funzioni di servizio. Anche queste testimoniano l'impegno del Gruppo verso le questioni etiche, ambientali e di sicurezza e qualità.

Here are the system certifications achieved by Panariagroup in its plants. For what concerns quality control, the ISO 9001 certification is extended to all commercial divisions and services. This also is evidence of the Group's commitment towards ethical, environmental, safety and quality issues.

CERTIFICAZIONE  
CERTIFICATION

DESCRIZIONE  
DESCRIPTION

DESCRIPTION  
BESCHREIBUNG



Ai sensi della Certificazione ISO 9001, tutte le fasi del processo produttivo, a partire dall'arrivo delle materie prime fino alla scelta e confezionamento del prodotto finito, vengono opportunamente verificate da personale esperto attraverso accurati controlli di qualità. Il sistema qualità dei siti produttivi Panariagroup viene verificato con frequenza annuale da un ente certificatore esterno attraverso accurate visite ispettive.

In accordance to the ISO 9001 certification, every passage in the production process, from the arrival of the raw material to the packaging of the finished product, is verified by experienced personnel through accurate quality control. The quality of the Panariagroup production sites is audited yearly by an external agency through detailed visits.

Conformément à la Certification ISO 9001, toutes les phases du processus de production, à partir de l'arrivée des matières premières jusqu'à la sélection et le conditionnement du produit fini, sont adéquatement vérifiées par du personnel expérimenté qui effectue des contrôles de qualité approfondis. Le système qualité des sites de production Panariagroup est vérifié tous les ans par un organisme de certification extérieur au moyen de visites d'inspection précises.

Gemäß der Zertifizierung ISO 9001, werden alle Phasen des Produktionsprozesses, von der Ankunft der Rohstoffe bis zur Wahl und Verpackung des Endprodukts in geeigneter Weise von Fachpersonal durch eine sorgfältige Qualitätskontrolle überprüft. Das Qualitätssystem der Produktionsstätten der Panariagroup wird jährlich über eine externe Zertifizierungsstelle durch Inspektionsbesuche kontrolliert.



Ai fini della Certificazione ISO 14001 tutti gli aspetti ambientali inerenti all'attività di produzione di piastrelle vengono costantemente controllati, garantendo l'utilizzo delle migliori tecnologie presenti sul mercato per ridurre al minimo gli impatti ambientali generati. Il sistema ambientale dei siti produttivi Panariagroup viene verificato con frequenza annuale da un ente certificatore esterno attraverso accurate visite ispettive.

In accordance to the ISO 14001 certification, all the environmental aspects concerned in the production of our tiles are constantly monitored, guaranteeing the use of the best technologies on the market in order to reduce the environmental impact. The environmental system of the Panariagroup production sites is audited yearly by an external agency through detailed visits.

Aux fins de la Certification ISO 14001, tous les aspects environnementaux relatifs à l'activité de production de carreaux sont constamment contrôlés, garantissant l'utilisation des meilleures technologies présentes sur le marché afin de réduire au minimum les impacts environnementaux qui sont générés. Le système environnemental des sites de production Panariagroup est contrôlé tous les ans par un organisme de certification extérieur au moyen de visites d'inspection approfondies.

Für die Zwecke der ISO 14001-Zertifizierung werden alle mit der Herstellung von Fliesen zusammenhängende Umweltaspekte kontinuierlich überwacht und der Einsatz der besten Technologien auf dem Markt gewährleistet, um die Umweltbelastung auf ein Minimum zu reduzieren. Das Umweltsystem der Produktionsstätten der Panariagroup wird jährlich von einer externen Zertifizierungsstelle durch genaue Kontrollen überprüft.



Il sistema comunitario di ecogestione e audit EMAS per le organizzazioni richiede la creazione di un Sistema di Gestione Ambientale basato sul continuo miglioramento delle proprie prestazioni. Il sistema si fonda sulla creazione di un rapporto di collaborazione e fiducia con i dipendenti, con le istituzioni del territorio e con il pubblico. La Dichiarazione Ambientale è il documento finale di tale processo.

The EU EMAS Eco-Management and Audit Scheme for organisations requires the creation of a complete system of environmental management based on constant improvement. The system is based on the establishment of a rapport of cooperation and trust with employees, local authorities and the public. An Environmental Declaration is the final product of such process.

Le système communautaire de management environnemental et d'audit EMAS pour les organisations exige la création d'un Système de Gestion Environnemental basé sur l'amélioration constante des prestations. Le système est fondé sur la création d'un rapport de collaboration et de confiance avec les employés, avec les institutions du territoire et avec le public. La Déclaration Environnementale est le document final de ce processus.

Das EG-Umweltmanagement und Audit EMAS für die Organisationen erfordert die Erstellung eines Umweltmanagementsystems auf der Grundlage der kontinuierlichen Verbesserung der eigenen Leistungen. Das System basiert auf der Schaffung einer Beziehung der Zusammenarbeit und des Vertrauens mit den Mitarbeitern, den lokalen Institutionen und der Öffentlichkeit. Die Umwelterklärung ist das abschließende Dokument dieses Prozesses.



# Prodotti certificati.

Certified products / Produits certifiés / Zertifizierte Erzeugnisse

serie  
series  
series  
serien



Anthology			•
Basaltina Stone Project	•		•
Bio Recover			•
Bio Select			•
Cliffstone	•	•	•
Concreto	•		•
Delight	•		•
District			•
Dreaming			•
Metropolis	•		•
Nextone	•	•	•
Stoneclay	•		•
Trame			•
Waterfall	•	•	•

SLIMTECH



Slimtech Concreto	•		
Slimtech Delight	•		
Slimtech Nextone	•		
Slimtech Take Care	•		
Slimtech Waterfall	•		

**I classements UPEC dei singoli prodotti Lea Ceramiche, compresi quelli delle nuove collezioni 2021, sono scaricabili dal sito [www.cstb.fr](http://www.cstb.fr) o tramite il link <http://webapp.cstb.fr/upec-ceramique/index.php>.**

The UPEC classifications of the individual Lea Ceramiche products, including those in the new 2021 collections, can be downloaded from [www.cstb.fr](http://www.cstb.fr) or via the link <http://webapp.cstb.fr/upec-ceramique/index.php>.

Les classements UPEC de chaque produit Lea Ceramiche, y compris ceux des nouvelles collections 2021, peuvent être téléchargés sur le site [www.cstb.fr](http://www.cstb.fr) ou à travers le lien <http://webapp.cstb.fr/upec-ceramique/index.php>.

Die UPEC-Klassifizierungen der einzelnen Produkte von Lea Ceramiche, darunter auch jene der neuen Kollektionen 2021, können von der Seite [www.cstb.fr](http://www.cstb.fr) oder über den Link <http://webapp.cstb.fr/upec-ceramique/index.php> heruntergeladen werden.

**I certificati del contenuto di riciclato, compresi gli aggiornamenti 2021, sono scaricabili dal sito [www.leaceramiche.it](http://www.leaceramiche.it) alla sezione Download/ Certificazioni**

Recycled content certificates, including the 2021 updates, can be downloaded from [www.leaceramiche.it](http://www.leaceramiche.it) in the Downloads/Certifications section.

Les certificats sur la teneur en matière recyclée, y compris les mises à jour 2021, peuvent être téléchargés sur le site [www.leaceramiche.it](http://www.leaceramiche.it) dans la section Téléchargement /Certifications.

Die Zertifikate zum Recyclinganteil, darunter auch die Aktualisierungen 2021, können von der Seite [www.leaceramiche.it](http://www.leaceramiche.it) im Bereich Download/Zertifizierungen heruntergeladen werden.



UNI-CERTIQUALITY-KEY MARK

**I certificati sono disponibili su richiesta**

Certificates are available upon request

Les certificats sont disponibles sur demande

Zertifikate sind auf Anfrage erhältlich

# CARATTERISTICHE TECNICHE: GRES PORCELLANATO

## TECHNICAL FEATURES PORCELAIN STONeware / CARACTÉRISTIQUES TECHNIQUES DU GRÉS CÉRAME / TECHNISCHE EIGENSCHAFTEN DES GRES FEINSTEINZEUGS

**CONFORME - ACCORDING TO - CONFORME - GEMÄß: ISO 13006 G - EN 14411 G**
**LEA**
**LEA**
**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**  
**CARACTÉRISTIQUES**  
**TECHNIQUES**
**TECHNISCHE EIGENSCHAFTEN**
**metodo di prova**

 test method  
 méthode d'essai  
 prüfmethode













**requisiti prescritti**

 required values  
 valeur requise  
 vorgeschriebener wert  
**ISO 13006 - G / EN 14411 - G**  
**gruppo / group Bla**
**valori medi**

 average values  
 valeurs moyens  
 durchschnittliche werte  
**UGL: non smaltato**  
 UGL: unglazed

**valori medi**

 average values  
 valeurs moyens  
 durchschnittliche werte  
**UGL: levigato - lappato**  
 UGL: polished - lappato










	<b>assorbimento d'acqua</b> water absorption absorption d'eau wasserabsorption	<b>ISO 10545-3</b>	<b>≤ 0,5%</b>	<b>0,05%</b>	<b>0,05%</b>
	<b>sfuerzo di rottura (S)</b> breaking strength (S) chargement de rupture (S) bruchlast (S)	<b>ISO 10545-4</b>	<b>≥ 1300 N</b>	<b>conforme</b> compliant conforme gemäß <b>13600 N</b> (20mm) ⊕ L2	<b>conforme</b> compliant conforme gemäß
	<b>resistenza alla flessione</b> modulus of rupture résistance à la flexion beigefestigkeit	<b>ISO 10545-4</b>	<b>≥ 35 N/mm<sup>2</sup></b>	<b>50 N/mm<sup>2</sup></b>	<b>50 N/mm<sup>2</sup></b>
	<b>classe requisiti meccanici</b> mechanical classification classe mécanisches erfordernis résistance mécanique	<b>EN 1339</b>	<b>requisito non previsto</b> no provision non prévu nicht erforderlich	<b>U14</b> (20mm)** ⊕ L2	-
	<b>resistenza all'abrasione profonda</b> résistance to deep abrasion résistance à l'abrasion profonde widerstand gegen tiefenabrier	<b>ISO 10545-6</b>	<b>≤ 175 mm<sup>3</sup></b>	<b>145 mm<sup>3</sup></b>	<b>145 mm<sup>3</sup></b> <b>150 mm<sup>3</sup> (lux)</b>
	<b>dilatazione termica lineare</b> linear thermal expansion dilatation thermique linéaire thermische dilatation	<b>ISO 10545-8</b>	<b>requisito non previsto</b> no provision non prévu nicht erforderlich	<b>α ≤ 7x10<sup>-6</sup> °C<sup>-1</sup></b>	<b>α ≤ 7x10<sup>-6</sup> °C<sup>-1</sup></b>
	<b>resistenza alle macchie</b> stain resistance résistance aux taches fleckenbeständigkeit	<b>ISO 10545-14</b>	<b>classe 3 min</b>	<b>5 (resistente)</b> (resistant) (résistant) (beständig)	<b>5 (resistente)</b> (resistant) (résistant) (beständig) <b>≥ 3 (lux)</b>
	<b>resistenza attacco chimico*</b> chemical resistance résistance chimique chemische beständigkeit	<b>ISO 10545-13</b>	<b>come indicato dal produttore</b> as indicated by manufacturer comme indiqué par le producteur wie vom hersteller angegeben	<b>LA - HA (resistente)</b> (resistant) (résistant) (beständig)	<b>LA - HA (resistente)</b> (resistant) (résistant) (beständig)
	<b>resistenza al gelo</b> frost resistance résistance au gel frostbeständigkeit	<b>ISO 10545-12</b>	<b>nessuna alterazione</b> no alterations aucune altération keine änderung	<b>resistente</b> resistant résistant beständig	<b>resistente</b> resistant résistant beständig
	<b>reazione al fuoco</b> fire reaction réaction au feu Brandverhalten	<b>EN 13823</b>	<b>CPR (UE) 305/2011</b> <b>2000/147/CE</b>	<b>Classe / Class A1</b> (wall)	<b>Classe / Class A1</b> (wall)
		<b>EN 9239-1</b>	<b>UNI EN 13501-1</b>	<b>Classe / Class A1<sub>f1</sub></b> (floor)	<b>Classe / Class A1<sub>f1</sub></b> (floor)
	<b>conducibilità termica</b> thermal conductivity conductivité thermique Wärmeleitfähigkeit	<b>EN 12524</b>	-	<b>λ = 1,3 W/m<sup>2</sup> k /</b> <b>0.7 BTU/ft h<sup>2</sup> F</b>	<b>= 1,3 W/m<sup>2</sup> k /</b> <b>0.7 BTU/ft h<sup>2</sup> F</b>
	<b>caratteristiche dimensionali</b> dimensions caracteristiques dimensionnelles scitenmasse				
	<b>lunghezza e larghezza</b> length and width longueur et largeur länge und breite	<b>ISO 10545-2</b>	<b>± 0,6% max ± 2mm</b> Non rett / Not rect <b>± 0,3% max ± 1mm</b> Rett / Rect	<b>conforme</b> compliant conforme gemäß	<b>conforme</b> compliant conforme gemäß
	<b>rettilineità spigoli</b> straightness of sides rectitude des arêtes kantengeradheit	<b>ISO 10545-2</b>	<b>± 0,5% max ± 1,5mm</b> Non rett / Not rect <b>± 0,3% max ± 0,8mm</b> Rett / Rect	<b>conforme</b> compliant conforme gemäß	<b>conforme</b> compliant conforme gemäß
	<b>ortogonalità</b> rectangularity orthogonalité rechtwinkligkeit	<b>ISO 10545-2</b>	<b>± 0,5% max ± 2mm</b> Non rett / Not rect <b>± 0,3% max ± 1,5mm</b> Rett / Rect	<b>conforme</b> compliant conforme gemäß	<b>conforme</b> compliant conforme gemäß
	<b>planarità</b> warpage planéité ebenflächigkeit	<b>ISO 10545-2</b>	<b>± 0,5% max ± 2mm</b> Non rett / Not rect <b>± 0,4% max ± 1,8mm</b> Rett / Rect	<b>conforme</b> compliant conforme gemäß	<b>conforme</b> compliant conforme gemäß
	<b>spessore</b> thickness épaisseur stärke	<b>ISO 10545-2</b>	<b>± 5% max ± 0,5mm</b>	<b>conforme</b> compliant conforme gemäß	<b>conforme</b> compliant conforme gemäß

\* ad esclusione dell'acido fluoridrico e suoi derivati / excluding hydrofluoridric acid and its derivatives  
 sauf l'acide fluorhydrique et ses dérivés / ausgenommen den fluorwasserstoff und seine derivate

\*\*carrabile quando incollata su massetto. La classificazione si riferisce al solo formato quadrato, fino a 60x60 cm / can be driven on when glued on screed. The classification only refers to the square format, up to 60x60 cm / carrossable s'il est collé sur une chape. La classification ne concerne que le format carré, jusqu'à 60x60 cm / befahrbar bei Verkleben auf Estrich. Die Klassifikation bezieht sich nur auf das quadratische Format, bis zu 60x60 cm

# TECHNICAL CHARACTERISTICS: PORCELAIN STONEWARE.

(AMERICAN STANDARDS)

ACCORDING TO ANSI A 137.1 UNGLAZED PORCELAIN TILES (CLASS P1)					LEA	LEA
TECHNICAL FEATURES	test method	required values		average values	average values	
		ANSI A 137.1		UGL: unglazed		UGL: polished lappato
 water absorption	ASTM C373	≤ 0.5%		0.05%		0.05%
 breaking strength	ASTM C648	≥ 250 lbf		compliant 2800 lbf (20mm) ⊕ L2		compliant
 deep abrasion resistance	ASTM C1243	≤ 175 mm <sup>3</sup>		145 mm <sup>3</sup>		145 mm <sup>3</sup> 150 mm <sup>3</sup> (lux)
 linear thermal expansion	ASTM C372	no provision		$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$		$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 stain resistance	ASTM C1378	as indicated by manufacturer		A resistant		A resistant C (lux)
 chemical resistance*	ASTM C650	as indicated by manufacturer		A resistant		A resistant
 frost resistance	ASTM C1026	as indicated by manufacturer		resistant		resistant
 flame spread	ASTM E84	-		Class A		Class A
 dimensions	edge warpage	ASTM C485	rectified ± 0.4% or max ± 0.05 inch** or ± 1.8 mm***	calibrated ± 0.5% or max ± 0.07 inch	compliant	compliant
	diagonal warpage	ASTM C485	rectified ± 0.40% or max ± 0.07 inch	calibrated ± 0.50% or max ± 0.07 inch	compliant	compliant
	nominal dimensions	ASTM C499	rectified - 3.0% / + 2.0% of nominal dimensions	calibrated ± 3.0% of nominal dimensions	± 1.5%	± 1.5%
	calber range	ASTM C499	rectified ± 0.25% or max ± 0.03 inch	calibrated ± 0.50% or max ± 0.08 inch	compliant	compliant
	thickness	ASTM C499	≤ 0.040 inch	≤ 0.040 inch	≤ 0.030 inch	≤ 0.030 inch
	wedging	ASTM C502	rectified ± 0.25% or max ± 0.03 inch	calibrated ± 0.50% or max + 0.08 inch	compliant	compliant

\* excluding hydrofluoridric acid and its derivatives

\*\* whichever is less, for tiles up to 24" (610 mm) on any side

\*\*\* applies to tiles larger than 24" (610 mm) on any side

# CARATTERISTICHE TECNICHE: GRES PORCELLANATO LAMINATO.

## TECHNICAL FEATURES LAMINATED PORCELAIN STONEWARE / CARACTÉRISTIQUES TECHNIQUES DU GRÈS CÉRAMÉ LAMINÉ / TECHNISCHE EIGENSCHAFTEN DES LAMINIERTES FEINSTEINZEUG

CONFORME - ACCORDING TO - CONFORME - GEMÄß:  
ISO 13006 G - EN 14411 G

	LEA	LEA	LEA	LEA	LEA
<b>CARATTERISTICHE TECNICHE</b> TECHNICAL FEATURES CARACTÉRISTIQUES TECHNIQUES TECHNISCHE EIGENSCHAFTEN	<b>metodo di prova</b> test method méthode d'essai prüfmethode	<b>requisiti prescritti</b> required values valeur requise vorgeschriebener wert <b>ISO 13006 - G / EN 14411 - G Bla UGL</b>	<b>valori medi</b> average values valeurs moyens durchschnittliche werte <b>slimtech 3plus (lastra + fibra di vetro)</b> (slab + fibreglass)	<b>valori medi</b> average values valeurs moyens durchschnittliche werte <b>slimtech 5plus (lastra + fiba di vetro)</b> (slab + fibreglass)	<b>valori medi</b> average values valeurs moyens durchschnittliche werte <b>slimtech 6mm</b>
<b>assorbimento d'acqua</b> water absorption absorption d'eau wasserabsorption	ISO 10545-3	≤ 0,5%	0,1%*	0,1%*	0,1%
<b>resistenza alla flessione</b> modulus of rupture résistance à la flexion beugefestigkeit	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>
<b>resistenza all'abrasione profonda</b> résistance to deep abrasion résistance à l'abrasion profonde widerstand gegen tiefenabrieb	ISO 10545-6	≤ 175 mm <sup>3</sup>	conforme compliant conforme gemäß	conforme compliant conforme gemäß	conforme compliant conforme gemäß
<b>dilatazione termica lineare</b> linear thermal expansion dilation thermique linéaire thermische dilatation	ISO 10545-8	requisito non previsto no provision non prévu nicht erforderlich	α ≤ 7x10 <sup>-6</sup> °C <sup>-1</sup>	α ≤ 7x10 <sup>-6</sup> °C <sup>-1</sup>	α ≤ 7x10 <sup>-6</sup> °C <sup>-1</sup>
<b>resistenza alle macchie</b> stain resistance résistance aux taches fleckenbeständigkeit	ISO 10545-14	classe 3 min.	5 (resistente) (resistant) (résistant) (beständig)	5 (resistente) (resistant) (résistant) ≥ 3 (lev)	5 (resistente) (resistant) (résistant) ≥ 3 (lev - touch)
<b>resistenza attacco chimico**</b> chemical resistance résistance chimique chemische beständigkeit	ISO 10545-13	come indicato dal produttore as indicated by manufacturer comme indiqué par le producteur wie vom hersteller angegeben	LA - HA (resistente) (resistant) (résistant) (beständig)	LA - HA (resistente) (resistant) (résistant) (beständig) LB - HB (lev)	LA - HA (resistente) (resistant) (résistant) (beständig) LB - HB (lev - touch)
<b>resistenza al gelo</b> frost resistance résistance au gel frostbeständigkeit	ISO 10545-12	nessuna alterazione no alterations aucune altération keine änderung	resistente resistant résistant beständig	resistente resistant résistant beständig	resistente resistant résistant beständig
<b>reazione al fuoco</b> fire reaction réaction au feu Brandverhalten	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Classe / Class A2 s1,d0 (wall) Classe / Class A2 <sub>fl</sub> -s1 (floor)	Classe / Class A2 s1,d0 (wall) Classe / Class A2 <sub>fl</sub> -s1 (floor)	Classe / Class A1 (wall) Classe / Class A1 <sub>fl</sub> (floor)
<b>conducibilità termica</b> thermal conductivity conductivité thermique Wärmeleitfähigkeit	EN 12524	-	λ = 1,3 W/m <sup>2</sup> k / 0.7 BTU/ft h <sup>2</sup> F	λ = 1,3 W/m <sup>2</sup> k / 0.7 BTU/ft h <sup>2</sup> F	λ = 1,3 W/m <sup>2</sup> k / 0.7 BTU/ft h <sup>2</sup> F
<b>caratteristiche dimensionali</b> dimensions caractéristiques dimensionnelles scitenmasse	<b>lunghezza e larghezza</b> length and width longueur et largeur länge und breite	ISO 10545-2	± 0,3% max ± 1mm	conforme compliant conforme gemäß	conforme compliant conforme gemäß
	<b>rettilinearità spigoli</b> straightness of sides rectitude des arêtes kantengeradheit	ISO 10545-2	± 0,3% max ± 0,8mm	conforme compliant conforme gemäß	conforme compliant conforme gemäß
	<b>ortogonalità</b> rectangularity orthogonalité rechtwinkligkeit	ISO 10545-2	± 0,3% max ± 1,5mm	conforme compliant conforme gemäß	conforme compliant conforme gemäß
	<b>planarità</b> warpage planéité ebenflächigkeit	ISO 10545-2	± 0,4% max ± 1,8mm	conforme compliant conforme gemäß	conforme compliant conforme gemäß
	<b>spessore</b> thickness épaisseur stärke	ISO 10545-2	± 5% max ± 0,5mm	conforme compliant conforme gemäß	conforme compliant conforme gemäß

\* valore riferito al solo materiale ceramico / value referred to ceramic material only  
 valeur qui se réfère uniquement au matériel céramique / der wert bezieht sich ausschließlich auf keramisches material

\*\*ad esclusione dell'acido fluoridrico e suoi derivati / excluding hydrofluoridric acid and its derivatives  
 sauf l'acide fluorhydrique et ses dérivés / ausgenommen den fluorwasserstoff und seine derivate

# TECHNICAL FEATURES: LAMINATED PORCELAIN STONEWARE.

(AMERICAN STANDARDS)

ACCORDING TO ANSI A 137.3  
(BACK LAYERED GAUGED PORCELAIN SLABS 3PLUS 5PLUS /  
GAUGED PORCELAIN SLABS 6MM - UGL)

TECHNICAL FEATURES	test method	requirements	LEA average values	LEA average values	LEA average values
		ANSI A137.3	slimtech 3plus (slab + fibreglass)	slimtech 5plus (slab + fibreglass)	slimtech 6mm
water absorption	ASTM C373	≤ 0,5%	0.1%*	0.1%*	0.1%
modulus of rupture	ASTM C1505	≥ 6000 lbf	≥ 6000 lbf	≥ 6000 lbf	≥ 6000 lbf
breaking strength	ASTM C1505	thickness 3.5 - 4.9 mm: ≥ 85 lbf  thickness 5 - 6.5 mm: ≥ 175 lbf	≥ 85 lbf	≥ 175 lbf	≥ 175 lbf
deep abrasion resistance	ASTM C1243	≤ 175 mm <sup>3</sup>	compliant	compliant	compliant
linear thermal expansion	ASTM C372	no provision	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
stain resistance	ASTM C1378	as indicated by manufacturer	class A resistant	class A resistant class C (lev)	class A resistant class C (lev - touch)
chemical resistance**	ASTM C650	as indicated by manufacturer	class A resistant class C (lev)	class A resistant class C (lev)	class A resistant class C (lev - touch)
frost resistance	ASTM C1026	as indicated by manufacturer	resistant	resistant	resistant
flame spread	ASTM E84	-	class A	class A	class A
dimensions	nominal dimensions	ASTM C499	Max ±3.0% of nominal dimensions	compliant	compliant
	caliber range	ASTM C499	Max ±0.25% or max ±0.03"	compliant	compliant
	thickness	ASTM C499	Max ±0.5 mm (±0.02") from nominal thickness	compliant	compliant
	thickness variation	ASTM C499	0.5 mm (0.02")	compliant	compliant
	wedging	ASTM C502	Max ±0.25% or max ±0.03"	compliant	compliant

\* value referred to ceramic material only  
\*\*excluding hydrofluoridric acid and its derivatives

# Caratteristiche prodotto: PAD

## Product characteristics: PAD / Caractéristiques du produit: PAD / Produkt-Eigenschaften: PAD

Le lastre della collezione PAD sono decorate mediante la tecnologia di stampa digitale a freddo, che permette di raggiungere risultati estetici e cromatici di eccezionale qualità. Le grafiche vengono impresse ad altissima risoluzione sul supporto ceramico, mantenendo invariati i colori brillanti e le sfumature dei motivi decorativi.

Les dalles de la collection PAD sont décorées grâce à la technologie d'impression numérique à froid, qui permet d'obtenir des résultats esthétiques et chromatiques d'une qualité exceptionnelle. Les graphismes sont imprimés en haute résolution sur le support céramique, en préservant la brillance des couleurs et les nuances des motifs décoratifs.

The slabs of the PAD collection are decorated using digital cold printing technology, with which aesthetic, chromatic results of exceptional quality are achieved. The graphics are imprinted at very high resolution on the ceramic substrate, keeping the brilliant colors and shades of the decorative designs unchanged.

Die Platten der Kollektion PAD werden nach dem Brennen im Digitaldruckverfahren dekoriert, mit dem sich optisch und farblich Ergebnisse von höchster Qualität erzielen lassen. Die Motive werden mit extrem hoher Auflösung auf die Keramikfliese gedruckt, wobei die Leuchtkraft der Farben und die Nuancen der Motive perfekt erhalten bleiben.

<b>destinazioni d'uso</b> Intended uses Utilisations prévues Einsatzbereiche	<b>Idonei esclusivamente per la posa a parete in ambienti interni; non posare a pavimento e a rivestimento in luoghi esterni.</b>  Approprié exclusivement pour la pose au mur dans les environnements intérieurs; ne pas poser au sol et en revêtement dans les environnements extérieurs.	Intended exclusively for the cladding of interior walls; do not use as flooring or to clad exterior spaces.  Geeignet ausschließlich für die Wandverlegung in Innenbereichen; nicht für das Verlegen von Fußböden und Wandverkleidung im Außenbereich geeignet.
<b>ISO 10545-14</b> <b>resistenza alle macchie</b> stain resistance résistance aux taches fleckenbeständigkeit	<b>Conforme alla Classe 5. Resiste alle macchie di alimenti e bevande. Non resiste alla tintura di iodio, blu di metilene, pennarello indelebile.</b>  Résiste aux taches d'aliments et boissons conforme à la classe 5. Ne résiste pas à la teinture d'iode, bleu de méthylène, feutre indélébile.	Class-5, resistance to food and beverage stains. Not resistant to iodine dye, methylene blue, or permanent marker.  Fleckenbeständig gegen Lebensmittel- und Getränkeflecken, konform mit Klasse 5 Nicht beständig gegen Jodfarben, Methylenblau, Permanentmarker.
<b>ISO 10545-13</b> <b>resistenza attacco chimico</b> chemical resistance résistance chimique chemische beständigkeit	<b>LB- HB</b> LB- HB	LB- HB LB- HB
<b>resistenza superficiale</b> surface strength surface résistante Oberflächenwiderstand	<p><b>La decorazione di questi prodotti non ha una buona resistenza ai graffi di oggetti acuminati molto duri come ad esempio metallo, pietra, vetro e gres. Prestare la massima attenzione alla movimentazione durante le operazioni di posa evitando di urtare o strisciare utensili ed oggetti duri acuminati sulla superficie.</b></p> <p>La décoration de ces produits ne résiste pas bien aux rayures causées par les objets pointus et très durs tels que le métal, la pierre, le verre ou le grès, entre autres. Faire particulièrement attention à la manipulation au cours des opérations de pose, en évitant de heurter ou de faire glisser les outils et les objets durs et pointus sur la surface.</p>	<p>This product's decoration is not scratch resistant to hard, sharp objects such as metal, stone, glass, and stoneware. Be extremely careful when handling the product during installation, making sure not to bump or slide tools or other sharp objects against the surface.</p> <p>Die Dekoration dieser Produkte ist nicht sehr widerstandsfähig gegen Kratzer durch sehr harte spitze Gegenstände, zum Beispiel aus Metall, Stein, Glas und Feinsteinzeug. Fahren Sie bei der Handhabung der Platten während der Verlegung besonders vorsichtig fort und vermeiden Sie Stöße oder Kratzer auf der Oberfläche durch Werkzeuge oder andere harte Gegenstände.</p>

## Avvertenze per la posa e la pulizia

### Warnings for laying and cleaning / Mises en garde pour la pose et le nettoyage / Hinweise zur Verlegung und Reinigung

<b>posa</b> installation pose Verlegung	<p><b>Spalmare la colla con spatola dentata di almeno 5 mm sul fondo della parete ed applicare la lastra a muro. Trattandosi di rivestire una parete di ambiente interno non è necessaria la spalmatura nel retro della lastra. Per un miglior risultato estetico si consiglia la posa distanziando le lastre con solo 1 mm di fuga. Non usare sistemi meccanici livellanti poiché la loro rimozione potrebbe danneggiare la superficie. Battere bene la lastra con spatola gommata al fine di allineare le lastre fra di loro.</b></p> <p>Étaler le mortier-colle sur le mur à l'aide d'un peigne crantée d'au moins 5 mm, puis appliquer dessus la dalle au mur. Comme il s'agit d'habiller un mur d'espace intérieur, il n'est pas nécessaire d'étaler le mortier-colle au dos de la dalle. Pour un meilleur résultat esthétique, il est conseillé d'effectuer la pose en séparant les dalles avec un joint de 1 mm uniquement. Ne pas utiliser de systèmes mécaniques de nivellement car leur élimination peut endommager la surface. Bien tapoter les dalles à l'aide d'une spatule en caoutchouc afin de les aligner parfaitement les unes avec les autres.</p>	<p>Spread the adhesive using a notched trowel (of at least 5 mm) on the base of the wall and apply the slab. As this product is to be used for cladding in interior spaces, it is not necessary to apply adhesive to the back of the slab (back-butter). For optimum aesthetic results it is best to leave only 1 mm of space between the slabs. Do not use mechanical levelling systems as their removal could damage the surface. Use a rubber trowel to tap the slabs so that they are perfectly in line with one another.</p> <p>Den Kleber mit dem Zahnspatel von mindestens 5 mm auf dem Wanduntergrund auftragen und die Platte an der Wand ankleben. Da es sich hierbei um eine Innenwand handelt braucht keine Klebschicht auch auf der Rückseite der Platte aufgetragen werden. Für ein besseres ästhetisches Ergebnis wird empfohlen die Platten mit einem Fugenabstand von 1 mm zu verlegen. Keine nivellierenden mechanischen Hilfsmittel verwenden, da das Entfernen derselben die Oberflächen beschädigen könnten. Die Platte mit einem Gummispachtel fest anklopfen und die Platten untereinander ausrichten.</p>
<b>stuccatura</b> grouting nettoyages quotidiens Tägliche Reinigung	<p><b>Sigillare le fughe solo con stucchi cementizi, non usare stucchi epossidici.</b></p> <p>Sceller les joints uniquement avec des mortiers de ciment, ne pas utiliser de mortiers époxydiques.</p>	<p>Seal the joints using only cementitious grouting products, do not use epoxy grouting products.</p> <p>Die Fugen nur mit Zementmörtel verfugen; keine Epoxyd-Mörtel verwenden.</p>
<b>pulizie quotidiane</b> daily cleaning nettoyages quotidiens Tägliche Reinigung	<p><b>Utilizzare acqua o detergenti neutri comunemente in vendita presso i negozi. Per lo sporco ostinato utilizzare un qualunque detergente sgrassante purché non sia di alto valore alcalino. Non utilizzare mai alcool, acetone, solventi, candeggina, ammoniaca e prodotti alcalini o acidi di forte intensità. Non usare paste, spugne e spazzole abrasive.</b></p> <p>Utiliser de l'eau ou des détergents neutres généralement en vente dans les magasins. Pour la saleté tenace, utiliser un détergent dégraissant quelconque dont la valeur alcaline n'est pas élevée. Ne jamais utiliser d'alcool, d'acétone, de solvants, d'eau de javel, d'ammoniaque, de produits alcalins ou d'acides à forte intensité. Ne pas utiliser de pâtes, d'éponges ou de brosses abrasives.</p>	<p>Use water or neutral detergents normally available in stores. For more stubborn spots use any low-alkaline degreaser. Do not use alcohol, acetone, solvents, bleach, ammonia, and highly alkaline or highly acidic products. Do not use abrasive pastes, sponges, or brushes.</p> <p>Wasser oder neutrale im Handel erhältliche Reinigungsmittel verwenden. Bei stärkeren Verschmutzungen ein beliebiges fettlösendes Reinigungsmittel verwenden, sofern es keinen hohen alkalischen Wert hat. Niemals Alkohol, Aceton, Lösungsmittel, Bleichmittel, Ammoniak und alkalische Produkte oder starke Säuremittel verwenden. Keine Pasten, scheuernde Schwämme oder Bürsten einsetzen.</p>
<b>taglio e foratura</b> cutting and drilling découpe et perçage Schnitt- und Bohrarbeiten	<p><b>Per il taglio e la foratura è essenziale lavorare su una superficie planare e pulita. Eseguire il taglio solo con disco diamantato sottile sp. 1,2 mm (es: Tyrolit Premium DCT 1A1R) montato sulla guida della macchina da taglio (es: Kera-cut di Sigma) oppure a mano con smerigliatrice-flessibile. Eseguire i fori con trapano senza percussione con punta al tungsteno bagnandola ripetutamente con acqua. Per fori grandi utilizzare frese a tazza diamantate a fascia continua montate su smerigliatrice (flessibile).</b></p> <p>Effectuer la coupe à l'aide d'un disque diamanté fin d'une épaisseur de 1,2 mm (ex: Tyrolit Premium DCT 1A1R) monté sur le guide de la machine de coupe (ex: Kera-cut de Sigma) ou à la main avec une meuleuse d'angle. Percer les trous à l'aide d'une perceuse sans percussione équipée d'un foret au tungstène, en la mouillant plusieurs fois avec de l'eau. Pour les trous plus grands, utiliser des trépan diamantés à bande continue montés sur des meuleuses d'angles.</p>	<p>For cutting and drilling it is essential to work on a flat, clean surface. To cut the material, use a 1.2 mm-thick diamond disk (ex. Tyrolit Premium DCT 1A1R) mounted on a cutting tool guide (ex. Kera-cut by Sigma) or by hand with a flexible-grinder. For drill use a non-hammer drill with a tungsten drill bit and wet it repeatedly with water. For large holes use a continuous crown diamond hole saw mounted on a grinder (flexible). Pour couper et percer, il est essentiel de travailler sur une surface plane et propre.</p> <p>Für das Schneiden und Bohren der Platte ist das Arbeiten auf einer ebenen und sauberen Oberfläche unerlässlich. Den Schnitt nur mit Hilfe einer dünnen auf der Führungsschiene der Schneidemaschine (z.Bsp. Kera-cut von Sigma) montierten Diamantscheibe (z.Bsp. Tyrolit Premium DCT 1A1R), Stärke 1,2 mm, oder mit einer Handschleifmaschine (Flex) ausführen. Die Bohrungen mit einem Normalbohrer (nicht Schlagbohrer) mit Tungsten-Spitze ausführen, die kontinuierlich mit Wasser benetzt wird. Für die großen Bohrungen auf Schleifmaschinen (Flex) montierte Diamant-Spiralfräser verwenden.</p>

# Tabella calibri.

## Size table / Tableaux des calibres / Formattabellen

### Formati / Sizes / Formats / Formate $\square$ RT<sup>1</sup>



gres porcellanato



L2 - 20mm

20,0x121,5**	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
M	198,0x1201,0
Q	198,4x1203,4
S	198,8x1205,8
T	199,2x1208,2
X	199,6x1210,6
U	200,0x1213,0
A	200,4x1215,4

30x60	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x600,0
P	298,0x598,0
Q	297,0x596,0
R	296,0x595,0

60x60	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	600,0x600,0
P	598,0x598,0
Q	596,0x596,0
R	595,0x595,0

60x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	600,0x1202,0
P	598,0x1198,0
Q	596,0x1195,0
R	595,0x1192,0

20x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	198,7x1202,0
P	198,0x1198,0
Q	197,0x1195,0

30x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x1202,0
P	298,0x1198,0
Q	297,0x1195,0

30x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x901,0
P	298,0x898,0
Q	297,0x895,0

45x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	449,5x901,0
P	448,0x898,0
Q	446,5x895,0

90x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	901,0x901,0
P	898,0x898,0
Q	895,0x895,0

20x180	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	198,7x1803,0
P	198,0x1799,0
Q	197,0x1795,0

30x180	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	298,0x1803,0
P	297,0x1799,0
Q	296,0x1795,0

88x88	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
S	881,0x881,0
T	878,0x878,0
U	875,0x875,0

\*\*non rettificato / not rectified / non rectifié / ungeschliffen

### Formati / Sizes / Formats / Formate $\square$ RT<sup>1</sup>



50x100	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	497,0x997,0

100x100	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x997,0

100x150	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x1500,0

50x150	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	497,0x1500,0

100x300	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x3000,0

### Formati / Sizes / Formats / Formate $\square$ RT<sup>1</sup>



60x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	598,0x1198,0

120x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	1198,0x1198,0

120x260	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	1198,0x2600,0

120x278	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	1198,0x2780,0

# Suggerimenti per la posa.

## Laying suggestions / Conseils pour la pose / Empfehlungen für das Verlegen

È compito del posatore controllare sempre il materiale prima della posa. Stendere a terra alcune piastrelle (circa 3 mq) e verificarne accuratamente le specifiche tecniche ed estetiche d'insieme.

### POSA

Con collanti indicati per prodotti a bassa porosità. Dopo aver effettuato la stuccatura, rimuovere in breve tempo con frequenti lavaggi di spugna ed acqua gli eccessi fino alla totale pulizia del pavimento. Successivamente fare lavaggio acido e alcalino come da istruzioni Lea Ceramiche. È responsabilità del posatore provvedere sempre alla protezione della piastrellatura finita e pulita, prima della consegna al committente, tramite appositi materiali protettivi (es. pannelli in truciolare, fogli di cartone, ecc.).

Per la realizzazione di tagli interni e a "L" si consiglia di arrotondare i vertici dell'apertura utilizzando punte con diametro di almeno 5 mm, per ridurre il rischio di rottura o fessurazioni, nel materiale già posato.

È consigliabile posare il gres porcellanato Lea Ceramiche utilizzando livellatori meccanici. Va però evidenziato che in commercio sono disponibili molteplici modelli, alcuni dei quali per le loro modalità di utilizzo, possono risultare non indicati per prodotti ceramici con particolari finiture. In caso di necessità si prega di contattare il Technical Department Panariagroup prima dell'installazione.

Per le indicazioni di posa di Slimtech far riferimento al Manuale Tecnico Slimtech.

### SOTTOFONDO

Massetto cementizio.

### DIMENSIONE FUGA

2 mm per i prodotti rettificati e 4 mm per i prodotti non rettificati. Salvo diversa indicazione dei Codici di Posa Nazionali. La larghezza delle fughe deve comunque essere decisa dalla Direzione Lavori.

### COLORE FUGA

Grigio cemento o colore in tono con la piastrella.

Prima di usare stucchi colorati a grana fine su prodotti lappati, levigati o spazzolati, fare sempre un test di prova. Se il pigmento colorato è molto tenace la rimozione potrebbe risultare molto difficoltosa.

The person in charge of installation must check all material before installing it. Place some tiles on the floor (approx. 3 m<sup>2</sup>) and check the overall technical and aesthetic characteristics with particular care.

Le poseur doit donc toujours contrôler le matériel avant la pose. Poser quelques carreaux (environ 3 m<sup>2</sup>) sur le sol sans les coller et en contrôler soigneusement les spécifications techniques et esthétiques générales.

Es ist Aufgabe des Fliesenlegers das Material vor der Verlegung stets zu kontrollieren. Einige Fliesen auf den Boden legen (circa 3 qm) und sorgfältig die spezifische ganzheitlichen Technik und Ästhetik überprüfen.

### LAYING

With adhesives for products with a low porosity. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water. Then perform acid washing, as instructed by Lea Ceramiche.

It is the installer's responsibility to protect the finished and clean tiling before the delivery to the client, by using appropriate protective materials (e.g. chipboard, cardboard sheets, etc.).

To create interior and "L" cuts it is advisable to round off the tops of the opening using drill bits with a diameter of at least 5 mm to reduce the risk of breakage or cracks in the already laid material.

It is advisable to lay Lea Ceramiche porcelain stoneware using mechanical levellers. However, it should be noted that many models are available on the market, some of which, due to their operating methods, may not be suitable for ceramic products with particular finishes. If necessary, please contact the Panariagroup Technical Department before installation.

For instructions on laying Slimtech, refer to the Slimtech Technical Manual.

### POSE

Avec des colles adaptées aux produits à faible porosité. Après avoir effectué le stucage, éliminer rapidement les excès par des lavages fréquents avec une éponge et de l'eau jusqu'à ce que le sol soit complètement propre. Effectuer ensuite le lavage acide et alcalin selon les instructions fournies par Lea Ceramiche.

Il incombe au carreleur de protéger le dallage fini et propre avant la livraison au client, en utilisant des matériaux de protection appropriés (e.g. panneau aggloméré, feuille de carton etc.)

Sous-couche: lit de ciment compact. Pour réaliser des découpes internes en « L » nous conseillons d'arrondir les sommets de l'ouverture avec des forets de 5mm de diamètre minimum, afin de réduire le risque de rupture ou de fissure du matériau déjà en place.

Nous conseillons de poser le grès cérame Lea Ceramiche en utilisant des niveleuses mécaniques. Nous faisons remarquer qu'il existe dans le commerce plusieurs modèles, dont certains peuvent, à cause de leur mode d'emploi, ne pas être indiqués pour les produits en céramique ayant des finitions particulières. En cas de besoin veuillez contacter le Service technique de Panariagroup avant de procéder à l'installation. Pour les indications de pose de Slimtech consultez le Manuel technique de Slimtech.

### VERLEGUNG

Mit klebern für produkte mit geringer porosität. Nach vorgenommener spachtelung schnell mit häufigem reinigen mit schwamm und wasser das überschüssige material bis zur vollständigen reinigung des fußbodens entfernen. Anschließend saures und alkalines nachspülen vornehmen, gemäß den vorgaben von Lea Ceramiche.

Der Fliesenleger ist dafür zuständig, den fertig verlegten, sauberen Fliesenbelag vor der Übergabe an den Bauherrn mit geeigneten Schutzmaterialien (z.B. Spanplatten, Pappe etc.) abzudecken.

Für Innen- und „L“-Schnitte empfehlen wir, die Kanten der Öffnung mit Aufsätzen mit mindestens 5 mm Durchmesser abzurunden, um das Risiko von Bruchstellen oder Rissen im bereits verlegten Material zu verhindern.

Feinsteinzeug von Lea Ceramiche sollte mithilfe von mechanischen Richtmaschinen verlegt werden. Es ist jedoch zu beachten, dass auf dem Markt eine Vielzahl von Modellen erhältlich ist. Einige davon könnten aufgrund der Art und Weise, wie sie verwendet werden, für Keramikprodukte mit speziellem Finish nicht geeignet sein. Bei Bedarf bitte vor dem Verlegen mit der Technischen Abteilung von Panariagroup Rücksprache halten. Für Anweisungen zum Verlegen von Slimtech bitte im Technischen Handbuch von Slimtech nachlesen.

### SUBSTRATE

Compact cement bed.

### SOUS-COUCHE

Lit de ciment compact.

### UNTERGRUND

Kompakter Zementestrich.

### JOINT WIDTH

2 mm for rectified tiles and 4 mm for not ground tiles. The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards.

### DIMENSION JOINT

2 mm pour les carreaux rectifiés et 4 mm pour les carreaux pas rectifiés. Sauf indication contraire contenue dans les Normes de Pose Nationaux, la dimension des joints doit en tous cas être définie par le directeur des travaux.

### FUGENBREITE

2 mm für geschliffene Platten und 4 mm für ungeschliffene Platten. Sofern in den Nationalen Verlegungsstandards nicht anders angegeben, ist die Breite der Fugen von der Bauleitung zu bestimmen.

### GROUT COLOUR

Grey or matching the colour of the tile. Before using fine-grain coloured grout on lapped, polished or brushed products, always perform a test. If the coloured pigment is very adhesive, it may be very difficult to remove.

### COULEUR JOINT

Ciment griso ou dans la teinte du carreau. Toujours effectuer un test avant d'utiliser des stucs colorés a granulometrie fine sur des produits ponces, polis et brossés. L'élimination d'un pigment très prononcé pourrait s'avérer difficile.

### FUGENFARBE

Grau oder auf die Fliesenfarbe abgestimmt. Bevor farbige fugenfüller mit feiner körnung auf geläppten, gehonten und gebürsteten produkten eingesetzt werden ist stets eine probeanwendung erforderlich. Wenn das farbpigment sehr resistent ist, könnte der fugenfüller sehr schwer zu entfernen sein.



# Gradino plus. Informazioni per la posa.

## Step tread plus. Laying information / Nez de marche plus. Informations pour la pose / Plus-stufen. Informationen für die Verlegung

Effettuare sempre la posa con adesivo.

Per la posa su sottofondi cementizi utilizzare adesivi elastici di classe S2 secondo EN 12004. Nel caso di posa su altri supporti (es. legno, truciolare...) contattare i fornitori per la scelta dell'adesivo più idoneo. Verificare che il sottofondo sia stabile, planare e pulito. Gli strati cementizi (massetti, calcestruzzo, strati di livellamento/pendenza...) devono essere stagionati, cioè devono aver esaurito i fenomeni di ritiro. Evitare la presenza di acqua sul sottofondo. Nel caso in cui la pavimentazione in esercizio sarà a contatto con l'acqua (ambienti esterni, centri benessere, docce, spogliatoi...) è necessario:

- realizzare sottofondi con pendenza di almeno l'1% (1 cm per ogni metro);
- applicare idonei impermeabilizzanti sulla superficie del sottofondo;
- miscelare gli stucchi con idonei laticci che riducano la porosità delle fughe.

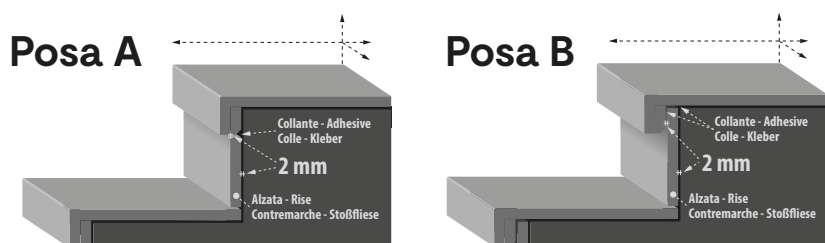
NON LASCIARE VUOTI sotto ai Gradini Plus, posare con "doppia spalmatura" anche nella parte verticale dei pezzi. Il bordo verticale del Gradino Plus deve essere distanziato di alcuni mm (almeno 3-4 mm) dal sottofondo e lo spazio vuoto deve essere riempito con collante, v. figure.

Calpestare i Gradini Plus e riempire le fughe solo quando l'adesivo ha fatto presa secondo le indicazioni riportate dai fabbricanti. Posare sempre con la fuga, che dovrà avere idonee dimensioni e comunque calcolata dal progettista. Prevedere nella pavimentazione i giunti perimetrali a contatto con elementi strutturali verticali (muri, colonne...) ed idonei giunti di dilatazione.

Evitare sistemi rigidi:

- volendo rivestire la parte verticale degli scalini ("alzata"), posare il materiale ben distanziato dai Gradini Plus, come mostrato nelle figure.
- nel caso di terrazze o balconi, assicurarsi che le eventuali grondaie siano un sistema a sé stante, cioè siano ben distaccate dai Gradini Plus.

Evitare di pulire i Gradini Plus con prodotti chimici aggressivi, che potrebbero danneggiare la resina epossidica utilizzata per il loro incollaggio. In caso di posa a bordo piscina, il Gradino Plus (sia pedata che parte verticale del pezzo) deve essere incollato direttamente solo su sottofondi cementizi. Non incollare il Gradino Plus sopra la vasca di contenimento dell'acqua (plastica, vetroresina, etc.).



Always lay using adhesive.

When laying on cement bases use elastic class S2 EN 12004 compliant adhesive. When laying on other bases (e.g. wood, chipboard...) contact suppliers for the choice of the best adhesive.

Check that the base is stable, flat and clean. Cement layers (screed, concrete, levelling/sloping layers...) must be seasoned, that is must have withdrawn completely.

Avoid any water on the base. If flooring in use is in contact with water (exteriors, wellness centres, showers, changing rooms...) you need to:

- create bases with a slope of at least 1% (1 cm for each metre);
- apply suitable waterproofing to the base;
- mix the stucco with suitable latexes to reduce porosity of fugues.

DO NOT LEAVE EMPTY SPACES under the "Plus" Steps; lay by "double spreading" even for vertical parts.

The vertical parts of "Plus" Steps must be spaced a few mm (at least 3-4 mm) from the base and the empty space must be filled with glue, see pictures.

Walk on the "Plus" Steps and only fill fugues when the adhesive holds following manufacturer instructions. Always lay with fugues of the right size, calculated by the designer.

Plan for perimeter joints in flooring coming into contact with vertical structural elements (walls, columns...) and suitable expansion joints.

Avoid rigid systems:

- If you want to cover the vertical part of steps ("rise"), lay the material the right distance from the "Plus" Steps, as shown in the pictures.
- For terraces and balconies, makes sure any gutters are a system to themselves; that is are well separated from the "Plus" Steps.

Avoid cleaning Plus step treads with aggressive chemical products, which could damage the epoxy resin used to assemble them.

In the case of poolside installation, Plus step treads (both the tread and vertical part of the step tread) must be adhered directly to the cement subfloor.

Do not install Plus step treads above the water containment tub (plastic, fibreglass, etc.).

Effectuer toujours la pose collée.

Pour la pose sur les sous-couches en ciment, utiliser des colles élastiques de classe S2 conformes à la norme EN 12004. En cas de pose sur d'autres supports (ex. bois, mélaminé...) contacter les fournisseurs pour le choix de la colle la plus appropriée.

Vérifier que la sous-couche est stable, plane et propre. Les temps de séchage du support (chapes, béton armé, produits de ragréage...) doivent être parfaitement respectés c'est-à-dire que les phénomènes de retrait doivent être terminés.

Éviter la présence d'eau sur la sous-couche. Si le sol à carrelé doit entrer en contact avec l'eau (pose en extérieur, centres bien-être, douches, vestiaires...) il est nécessaire:

- de réaliser une sous-couche avec une pente d'au moins 1% (1 cm/mètre)
- d'appliquer des imperméabilisants appropriés sur la sous-couche
- de gâcher les mortiers avec des latex appropriés qui réduisent la porosité des jointoiements.

NE PAS LAISSER DE VIDES sous les nez de marche "Plus"; appliquer la colle avec la technique du double encollage (support et envers des carreaux), ainsi que sur le bord vertical des carreaux.

Le bord vertical des nez de marche "Plus" doit être à une distance de quelques mm (au moins 3-4 mm) de la sous-couche et l'espace vide doit être rempli avec de la colle, voir les figures.

Ne piétiner les nez de marche "Plus" et ne remplir les joints que lorsque la colle a déjà fait prise, selon les indications fournies par les fabricants. Poser toujours avec un joint dont les dimensions seront calculées par le projeteur.

Prévoir sur le carrelage des joints périphériques aux points de contact avec les éléments structurels verticaux (mur, colonnes...) et des joints de dilatation opportuns.

Éviter les systèmes rigides :

- si l'on désire carrelé la partie verticale des marches (contre-marche), poser les carreaux à une certaine distance des nez de marche "Plus" comme le montrent les figures.

Pour les terrasses et les balcons, s'assurer que gouttières sont totalement indépendantes, c'est-à-dire bien séparées des nez de marche "Plus".

Éviter de nettoyer les nez de marche Plus avec des produits chimiques agressifs, qui pourraient endommager la résine époxy utilisée pour leur assemblage.

En cas de pose au bord d'une piscine, les nez de marche Plus (aussi bien le plat de marche que la partie verticale de la pièce) doit être collé directement sur la base en ciment. Ne pas coller le nez de marche Plus sur la vasque qui contient l'eau (plastique, fibre de verre, etc.).

Zum Verlegen immer Kleber verwenden.

Zum Verlegen auf zementhaltigem Untergrund elastische Kleber der Klasse S2 gemäß EN 12004 verwenden. Wenden Sie sich beim Verlegen auf anderen Unterlagen (z.B. Holz, Spanplatten usw.) für die Wahl des geeigneten Klebers an die Händler.

Prüfen Sie, dass der Verlegeuntergrund stabil, eben und sauber ist. Die zementhaltigen Schichten (Estrich, Betonuntergrund, Nivellierschicht bzw. Gefälle, usw.) müssen abgelagert sein, d.h. die Schrumpfung muss abgeschlossen sein.

Es darf sich kein Wasser auf dem Untergrund befinden. Sollte der zu verlegende Fußboden in Kontakt mit Wasser gelangen (Außenbereiche, Wellness-Center, Duschen, Umkleieräume usw.) ist Folgendes zu beachten:

- Den Verlegeuntergrund mit einer Neigung von mindestens 1% erstellen (1 cm pro Meter);
- Geeignete Dichtstoffe auf der Oberfläche des Untergrunds anbringen;

• Die Gipsmörtel mit einem geeignetem Latex mischen, um die Durchlässigkeit der Fugen zu verringern.

KEINE LEERRÄUME unter den Plus-Stufen HINTERLASSEN; auch den vertikalen Abschnitt der Elemente mit "Doppelbeschichtung" verlegen.

Die vertikale Kante der Plus-Stufen muss einige mm Abstand (mind. 3-4 mm) zum Verlegeuntergrund aufweisen; dabei ist der Leerraum mit Kleber zu füllen, siehe Abbildungen.

Die Plus-Stufen betreten und die Fugen erst verschließen, nachdem der Kleber entsprechend der Herstellerangaben gehärtet ist.

Immer mit der Fuge verlegen, wobei deren Größe, wie vom Projektplaner berechnet wird, angemessen sein muss. Kalkulieren Sie bei der Fußbodenverlegung die umlaufenden Fugen, welche mit vertikalen Konstruktionselementen (Mauern, Säulen, usw.) in Kontakt stehen, sowie die Dehnungsfugen mit ein.

Vermeiden Sie starre Systeme:

- Bei der Verkleidung des vertikalen Abschnitts der Stufen ("Setzstufe") das Material in einem angemessenen Abstand zu den Plus-Stufen verlegen, siehe Abbildungen.
- Bei Terrassen oder Balkons sicherstellen, dass die evtl. vorhandenen Dachrinnen ein unabhängiges System darstellen, d.h. einen angemessenen Abstand zu den Plus-Stufen aufweisen.

Verwenden Sie zur Reinigung der Plus-Stufen keine aggressiven chemischen Produkte, da diese den Epoxydharz, mit dem sie verklebt sind, beschädigen könnten. Bei der Verlegung am Poolrand ist Plus-Stufen (sowohl die Trittschne als auch der senkrechte Teil) direkt und ausschließlich auf Zementuntergrund zu verkleben. Verkleben Sie Plus-Stufen nicht oberhalb des Wasserbeckens (Kunststoff, GFK etc.).

# Informazioni per la pulizia e la manutenzione.

Prima di pulire una superficie piastrellata è bene:

1. Verificare sul catalogo generale la **resistenza agli agenti chimici** delle piastrelle posate;
2. Effettuare un test preliminare direttamente sulle piastrelle posate, ponendo il detergente da utilizzare a contatto con le piastrelle per tempi uguali a quelli che si useranno poi sul cantiere;
3. Assicurarsi che i detersivi da usare **non contengano** acido fluoridrico e/o suoi derivati, poiché tali sostanze, per loro peculiarità, aggrediscono tutti i prodotti ceramici.

Si riportano di seguito alcune indicazioni per le pulizie di fine cantiere ("dopo posa"), quotidiane, straordinarie, per la rimozione di cere e patine lucidanti e per eventuali manutenzioni straordinarie.

## PULIZIA "DOPO POSA"

1. La pulizia "dopo posa" serve per rimuovere i residui di stucchi per le fughe, cemento, calce, boiaccia. È obbligatoria a fine cantiere, sia per le piastrelle smaltate che per quelle non smaltate.
2. Una pulizia "dopo posa" male effettuata, o addirittura non fatta, è spesso causa di aloni che impediscono di mantenere pulito il pavimento nonostante una buona pulizia quotidiana.
3. Quando possibile, specialmente per superfici medio-grandi, si consiglia l'uso di monospazzola con dischi morbidi (bianchi oppure beige).
4. **Pulizia stucchi cementizi miscelati con acqua**

Si effettua con specifici detersivi a base di acidi tamponati e diluiti. Alcuni di questi, facilmente reperibili in commercio, sono riportati nella seguente tabella.

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
stucchi cementizi boiaccia cemento calce	a base di acidi tamponati	keranet	mapei
		cement remover	faberchimica
		deterdek pro	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti. (\*) Specifico per prodotti non resistenti agli acidi.

## INDICAZIONI PER LA PULIZIA "DOPO POSA":

1. Effettuare la pulizia dopo 4-5 giorni dalla stuccatura (lo stucco deve indurire) e non oltre 10 giorni. Oltre questi tempi la pulizia può diventare molto più laboriosa.
2. **Bagnare con acqua il pavimento** prima delle operazioni di pulizia. In questo modo le stuccature vengono impregnate dall'acqua e viene ridotto il contatto con i detersivi.
3. **Lasciare agire i detersivi per tempi limitati**, risciacquando bene con acqua appena possibile.
4. Non deve essere eseguita se le superfici piastrellate sono **molto calde** (es. esposte al sole nei mesi più caldi), perché diviene più severa l'azione degli aggressivi chimici. In estate effettuarla nelle ore fresche della giornata.
5. Fare sempre test preventivi prima dell'uso (su una piastrella non posata), in particolare per prodotti Lappati o Levigati.
6. **Pulizia stucchi epossidici, bi-componenti e reattivi**

In questi casi la rimozione dei residui degli stucchi deve essere fatta immediatamente ed in modo molto accurato seguendo le indicazioni dei fabbricanti, perché questi stucchi induriscono molto rapidamente, anche in pochi minuti. Seguire attentamente le modalità di pulizia indicate dal fabbricante dello stucco utilizzato e verificarne l'efficacia (anche con un controllo) con una prova preliminare di pulizia prima di stuccare l'intero pavimento/parete.

## 7. piastrelle antiscivolo

Le piastrelle "antislip", realizzate con superfici ruvide e/o strutturate, si puliscono ovviamente in modo più laborioso. Si consiglia perciò di effettuare la pulizia "dopo posa" in modo rapido ed accurato, utilizzando quando possibile monospazzola con dischi bianchi e beige.

## PULIZIA STRAORDINARIA

Viene effettuata per rimuovere macchie o residui particolarmente vecchi o resistenti. Prima dell'uso fare sempre test preventivi (su una piastrella non posata), in particolare su **Lappati e Levigati**. Nella tabella sotto sono indicati detersivi efficaci a seconda del tipo di macchia.

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
grassi polvere da calpestio pulizie di fondo	polifunzionali, a base alcalina(1)	ps87 pro	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
caffè coca-cola succhi di frutta	polifunzionali, a base alcalina(1)	deterflash	geal
		coloured stain remover	faberchimica
		ps87 pro	fila
		super deterjet	geal
vino	ossidante	candeggina	vari produttori
		oxidant candeggina	faberchimica vari produttori
depositi calcarei	a base acida (1)	viakal	procter & gamble
rustine	a base acida (1)	acido muriatico diluito	vari produttori
inchiostri pennarello	a base solvente	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneumatici, segni di gomma di metalli di matita	pasta abrasiva (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
sporco delle fughe	specifico	fuganet	fila
		fugenreiniger	lithofin

(1) Fare test preventivo su materiali Lappati e Levigati (2) Indicato per materiali Lappati e Levigati (3) Non usare su prodotti Lappati, usare con molta attenzione sui Levigati  
Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

## PULIZIA QUOTIDIANA / ORDINARIA

Utilizzare acqua calda e un panno in microfibra di buona qualità, tipo MAGIC CLEAN di **Bonasystems Italia**.

Al bisogno utilizzare acqua calda e detergente neutro molto diluito (un tappo del flacone in 5 lt di acqua) o acqua calda e sgrassatore universale (4-5 spruzzate in 5 lt di acqua). A fine lavaggio risciacquare sempre con acqua e panno in microfibra pulito.

TIPO DI OPERAZIONE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
pulizie quotidiane	neutro	floor cleaner	faberchimica
	sgrassatore universale	cleaner pro	fila
		pfleregereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / btitania clean	bonasystems italia
		belgres	geal
		chanteclair sgrassatore universale	real chimica
		smac expresse sgrassatore	bolton group

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

## PULIZIA DECORI

- Utilizzare detergenti NEUTRI e diluiti.

**NON UTILIZZARE ASSOLUTAMENTE:** Ceranti e/o impregnanti - Detergenti acidi o alcalini - Paste abrasive - Spazzole o spugne abrasive.

## RIMOZIONE DI PATINE LUCIDE

Nei normali detergenti in commercio sono a volte contenute cere o additivi lucidanti che, lavaggio dopo lavaggio, depositano sul pavimento

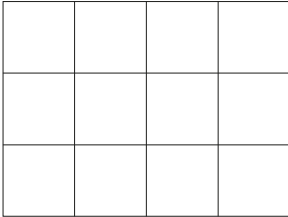
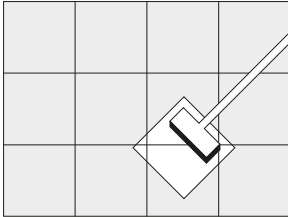
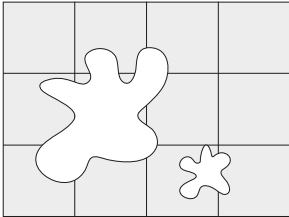
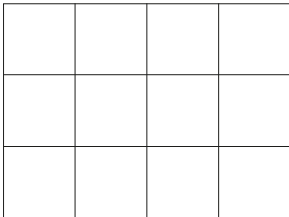
**patine lucide**, causa di noiose alonature. Patine di questo tipo possono essere depositate anche da alcuni stucchi per le fughe.

Semplici alimenti come Coca Cola, vino, acqua, etc., cadendo sul pavimento tolgono questa patina lucida e ripristinano l'**aspetto originale** più opaco delle piastrelle. In mezzo al pavimento più lucido, le zone senza cera appaiono come aloni opachi, in realtà sono le uniche parti pulite del pavimento. In questi casi bisogna:

1. Prima di tutto togliere la patina lucida da tutto il pavimento (vedi tabella seguente);
2. Poi, per le pulizie quotidiane, utilizzare detergenti neutri che non contengano né cere né patine lucidanti (vedi paragrafo precedente "pulizie quotidiane/ordinarie").

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
patine lucide	debolmente acidulo	tile cleaner puro (*)	faberchimica

(\*) Non seguire le indicazioni sulla confezione, ma applicare il detergente puro, lasciare agire per 5-10 minuti, frizionare con tamponi morbidi (bianco, giallo) e sciacquare bene con acqua. Non utilizzare cere su gres porcellanato LEA CERAMICHE.

<b>1</b>  Pavimento originale.	<b>2</b>  Dopo pulizia con detergenti contenenti cere.	<b>3</b>  Semplici alimenti (Coca-Cola, vino, acqua...) possono togliere la patina lucida. La superficie originale è più opaca.	<b>4</b>  Rimuovere la patina con detergente (pulitore per piastrelle Faber) e utilizzare detergente senza cere per la pulizia quotidiana.
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## MANUTENZIONI STRAORDINARIE

### Protettivi per fughe

NOME PRODOTTO	PRODUTTORE
fugaproof	fila
kf fugenschutz	lithofin

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

### Trattamenti antislip

La resistenza allo scivolamento dei pavimenti posati (sia piastrelle smaltate che non smaltate) può essere aumentata utilizzando specifici prodotti (vedi tabella).

Prima di applicare il prodotto sul pavimento fare test preventivi su piastrelle non posate per trovare i tempi di contatto più idonei. Se da un lato tempi più lunghi aumentano il grado di grip, dall'altro tendono un po' a sbiancare i colori delle piastrelle e a renderle un pochino più sporcabili.

TIPO DI OPERAZIONE	NOME PRODOTTO	PRODUTTORE
trattamento antislip	bonagrip	bonasystems italia

#### attenzione:

1. Non usare questi trattamenti su superfici Lappate né Levigate; 2. Prima del trattamento contattare Servizio Clienti Lea; 3. Si consiglia di realizzare il trattamento tramite ditte specializzate.

I prodotti **LEVIGATI** possono raggiungere il grado **R9** (test DIN51130) con appositi trattamenti al laser, eseguibili solo sul materiale non posato: per questo la richiesta di R9 su Levigati deve essere specificata al momento dell'ordine all'ufficio commerciale.

Tali trattamenti al laser possono essere seguiti anche su superfici **LAPPATE** (dopo verifica Servizio Clienti LEA CERAMICHE).

Riferimenti utili pag. 378

Il manuale tecnico "pulizia e manutenzione" è disponibile sul sito internet [leaceramiche.com](http://leaceramiche.com)

# Cleaning and maintenance information.

Make sure to do the following before cleaning any tiled surface:

1. Check the **resistance to chemical agents** of the laid tiles on the general catalogue;
  2. Make a preliminary test directly on the laid tiles by putting a detergent, to be used in contact with the tiles for a period that is equal to the period that will be used later on the site;
  3. Make sure that the detergents that are going to be used, **do not contain** hydrofluoric acid and/or any of its derivatives; these substances are distinctively known for damaging **all** ceramic products.
- Some indications for cleaning after the installation (after laying the tiles), on a daily basis, extra cleaning and to remove waxes and polish glazes or for any extra maintenance that may be required, are listed here below.

## CLEANING "AFTER THE INSTALLATION"

1. Cleaning "after the installation" helps remove residues of grout-joints, cement and lime. This is obligatory at the end of the installation, for glazed tiles and unglazed tiles.
2. If the cleaning "after the installation" is not carried out properly or if is not carried out at all, is often a cause of marks that prevent the floor from being clean even if a good daily cleaning is performed.
3. Whenever is possible, especially for medium to large surfaces, it is advisable to use a single-brush machine with soft disks (white or beige).
4. cleaning cement-based grouts mixed with water.

It is carried out with specific detergents based with buffered and diluted acids. The table below shows some of these detergents, which are easily available in the market.

FOR REMOVING THE FOLLOWING RESIDUES	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
cement-based grouts grout cement lime	buffered acid based	keranet	mapei
		cement remover	faberchimica
		deterdek pro	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully. (\*) Specific for products that are non-resistant to acids

## INSTRUCTIONS ON HOW TO CLEAN "AFTER THE INSTALLATION":

1. Clean 4-5 days after the grouting (the grout must be hardened); do not wait over 10 days. In addition to this period, the cleaning can become very laborious.
2. Moisten the floor with water before cleaning. This way the groutings are soaked with water and the contact with detergents is reduced.
3. Let the detergents operate for limited periods, hence rinse out with water as soon as possible.
4. It must not be carried out if the tiled surfaces are very hot (i.e. exposed to the sun during very warm days); this must be avoided as the action of aggressive chemicals become very harsh. On the summer, proceed with the operation during the coolest period of the day.
5. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for Lapped or Polished products.
6. cleaning for epoxy, bi-component and reagent grouts  
In these cases the removal must be carried out immediately and carefully following the recommendations of the manufacturers, as these grouts harden very fastly, even in a few minutes. Please carefully follow the cleaning mode specified by the manufacturer of the grout used; verify its effectiveness (backlight also) with a preliminary cleaning test before grouting the entire floor/wall.
7. antislip tiles

"Antislip" tiles that are made with rough and/or textured surfaces must be cleaned very laboriously. Therefore, it is advisable to clean "after the installation", quickly and thoroughly, using a single-brush machine with disks white and beige.

## EXTRAORDINARY CLEANING

This procedure is carried out to remove stains or residues that are particularly old or tough. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for **Lapped** or **Polished** products.

The table shown below indicates the detergents that are effective according to the type of stains.

FOR REMOVING THE FOLLOWING RESIDUES	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
grease dust footmarks base cleaning	multipurpose, alkaline-based (1)	ps87 pro	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
		deterflash	geal
coffee coke fruit juice	multipurpose, alkaline-based (1)	coloured stain remover	faberchimica
		ps87 pro	fila
		super deterjet	geal
		candeggina	vari produttori
wine	oxidizing agent	oxidant candeggina	faberchimica vari produttori
calcareous deposits	acid-based (1)	viakal	procter & gamble
rust	acid-based (1)	acido muriatico diluito	vari produttori
inks felt-tipped pen	solvent-based	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneumatic stains from rubber metals or pencils	abrasive paste (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
tile joint stains	specific	fuganet	fila
		fugenreiniger	lithofin

(1) Make precautionary test on Lapped or Polished materials. (2) Suitable for Lapped or Polished materials. (3) Do not use it on Lapped; use it with the utmost caution on Polished products. Unless otherwise indicated by LEA CERAMICHE, follow the usage instructions indicated on the manufacturer's package very carefully.

## DAILY / STANDARD CLEANING

Use warm water and a high quality microfibre cloth, like MAGIC CLEAN by **Bonasystems Italia**.

If needed, use warm water and a very diluted neutral detergent (one cap in 5 litres of water) or warm water and a universal degreaser (4-5 sprays in 5 litres of water). When finished washing, always rinse with water and a clean microfibre cloth.

TYPE OF OPERATION	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
clean on a daily basis	neutral	floor cleaner	faberchimica
	universal degreaser	cleaner pro	fila
		pflegereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / btitania clean	bonasystems italia
		belgres	geal
		chanteclair sgrassatore universale	real chimica
smac expresse sgrassatore	bolton group		

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully.

## CLEANING DECORATIONS

- Use NEUTRAL, diluted detergents

**NEVER USE:** Waxing and impregnating agents - Acid or alkaline detergents - Abrasive pastes - Abrasive brushes or sponges.

## REMOVING GLOSSY GLAZE

Standard detergents that are available in the market sometimes contain waxes or polish additives that, wash after wash, deposit **glossy glaze** on the floor and causes annoying marks. These types of glazes can also settle on some joint grouts.

When simply types of foods such as Coke, wine, water, etc., fall on the floor, they remove this type of glossy glaze and restore the **original appearance** of the tiles (a more opaque look).

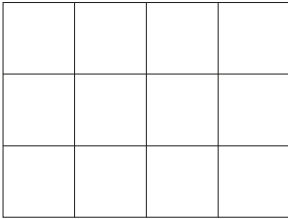
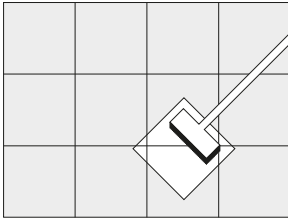
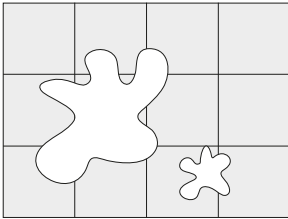
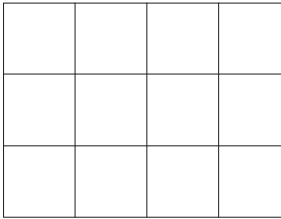
In the middle of the shinier floor, the areas without wax appear as opaque marks, but they are actually the only clean parts of the floor. In these cases, the following must be done:

1. First of all, remove the glossy glaze from the entire floor (see table below);
2. Then, for daily cleaning, use neutral detergents that do not contain wax or polishing glaze (see the previous paragraph: "daily/standard cleaning").

RESIDUES TO BE REMOVED	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
glossy glaze	weak acidulous	tile cleaner pure (*)	faberchimica

(\*) Do not follow the instructions on the package, just apply the pure detergent, leave it on for 5-10 minutes, rub it with soft pads (white, yellow) and rinse it thoroughly with water.

**Do not use wax** on LEA CERAMICHE porcelain stoneware.

<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	
	Original floor.		After cleaning detergents containing waxes.		Simple foodstuffs (Coca-Cola, wine, water etc) can remove the bright patina. The original surface is more matt.		Remove the patina with detergent (Faber tile cleaner, used neat), and use detergent without waxes for everyday cleaning.

## SPECIAL MAINTENANCE

### Stain-resistant products for joints

PRODUCT NAME	MANUFACTURER
fugaproof	fila
kf fugenschutz	lithofin

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully.

### Antislip treatments

The slip resistance of floors laid with glazed tiles or non-glazed tiles can be increased by using specific products (see table).

Before applying the product make a precautionary test on a tile that is not laid in order to find the most suitable contact time. If, on the one hand, the longest period increases the griping grade, on the other, it will tend to whiten the colours of the tiles a little and make it a little easier to stain.

TYPE OF OPERATION	PRODUCT NAME	MANUFACTURER
antislip treatment	bonagrip	bonasystems italia

#### caution:

1. Do not use these treatments on Lapped or Polished surfaces; 2. Before the doing the treatment contact Lea's Customer Service; 3. It is advisable to carry out the treatments through specialized companies.

**POLISHED** products can reach a grade of **R9** (test DIN51130) with special laser treatments that may be carried out only on materials that have not been laid: for this reason the request for R9 on Polished products must be specified at the time of the order in the sales department. Such laser treatments can be also be carried out on **LAPPED** surfaces (after making a verification with LEA CERAMICHE Customer Service).

Useful contacts pag. 378

The manual "cleaning and maintenance" is available on the website [leaceramiche.com](http://leaceramiche.com)

# Informations sur le nettoyage et l'entretien.

Avant de nettoyer une surface carrelée, il est préférable de:

1. Vérifier la **résistance chimique** des carreaux posés sur le catalogue général;
2. Faire un test avant emploi en versant le nettoyant directement sur les carreaux installés et en le laissant agir aussi longtemps que la durée prévue sur le chantier;
3. S'assurer que les nettoyants **ne contiennent** ni acide fluorhydrique ni aucun de ses dérivés, car ces substances particulières entament tous les produits céramiques.

Veillez trouver ci-après quelques instructions pour bien effectuer les nettoyages de fin de chantier (« après pose »), quotidiens, extraordinaires, pour éliminer les cires et les additifs de cirage et pour réaliser toute opération d'entretien extraordinaire.

## NETTOYAGE « APRÈS POSE »

1. Le nettoyage « après pose » sert à enlever les résidus de mortier, de ciment, de chaux et de ciment-joint. Il est obligatoire à la fin du chantier, aussi bien pour les carreaux émaillés que pour les carreaux non émaillés.
2. Un mauvais nettoyage « après pose », voire même l'absence de nettoyage, entraîne souvent la formation d'auréoles qui compromettent la propreté du revêtement de sol, même après un bon nettoyage quotidien.
3. Chaque fois que possible, notamment pour les surfaces moyennes/grandes, il est recommandé d'avoir recours à une monobrosse munie des disques souples (blancs ou beige).
4. Nettoyage ciments-joints mélangés avec de l'eau

Nettoyage avec des nettoyants spéciaux à base d'acides tamponnés et dilués. Veuillez trouver dans le tableau ci-après quelques noms de produits facilement trouvables dans le commerce.

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
ciments-joints	à base d'acides tamponnés	keranet	mapei
ciment		cement remover	faberchimica
chaux		deterdek pro	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
	bonadecon / bdecon (*)	bonasystems italia	

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage. (\*) Spécifique pour produits qui ne sont pas résistants aux acides

## INSTRUCTIONS DE NETTOYAGE «APRÈS POSE»:

1. Nettoyer 4-5 jours après l'exécution des joints (le mortier doit durcir) et avant 10 jours maximum. Après ce délai, le nettoyage peut demander beaucoup plus d'efforts.
2. Mouiller le revêtement de sol avant les opérations de nettoyage. Ainsi l'eau imprègne les joints et atténue le contact avec les nettoyants.
3. Laisser agir les nettoyants peu de temps et bien rincer à l'eau dès que possible.
4. Ne pas faire le nettoyage si les surfaces carrelées sont très chaudes (par ex. exposées au soleil pendant les mois les plus chauds), car la chaleur renforce l'action agressive des produits chimiques. En été, il doit se faire aux heures fraîches de la journée.
5. Faire toujours des tests avant emploi (sur un carreau non posé), notamment sur les produits Rodés ou Polis.
6. Nettoyage des joints epoxy, bi-composant et réactif  
Nettoyer immédiatement les résidus de manière soignée en se conformant aux indications fournies par le fabricant car ce type de coulis durcit rapidement, même en quelques minutes. Suivez attentivement les indications de nettoyage indiqué par le fabricant de joint utilisé et vérifiez son efficacité (même rétroéclairage) avec un nettoyage préventif avant de jointoyer la totalité du sol / mur.
7. Carreaux antidérapants  
Les carreaux « antislip » à base de structures rugueuses et/ou structurées se nettoient évidemment moins facilement. Il est dès lors recommandé d'effectuer le nettoyage « après pose » de façon rapide et minutieuse et d'utiliser, si possible, une monobrosse à disques blancs ou beige.

## NETTOYAGE EXTRAORDINAIRE

Il sert à éliminer les taches ou les résidus particulièrement anciens ou tenaces. Faire toujours des tests avant emploi (sur un carreau non posé), notamment sur les produits **Rodés** et **Polis**. Veuillez trouver dans le tableau ci-après des nettoyants efficaces selon le type de tache.

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
graisses dépôts de poussières laissées par le piétinement grands nettoyages	alcalins universels (1)	ps87 pro	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
café Coca-Cola jus de fruits	alcalins universels (1)	deterflash	geal
		coloured stain remover	faberchimica
		ps87 pro	fila
vin	oxydant	super deterjet	geal
		candeggina	vari produttori
dépôts calcaires	acide (1)	oxidant candeggina	faberchimica vari produttori
		viakal	procter & gamble
rouille	acide (1)	acido muriatico diluito	vari produttori
encres feutre	à base de solvant	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneus traces de caoutchouc de métaux de crayon	pâte abrasive (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
saleté des joints	spécifique	fuganet	fila
		fugenreiniger	lithofin

(1) Faire des tests avant emploi sur les produits Rodés et Polis. (2) Recommandé pour les produits Rodés et Polis. (3) Ne pas utiliser sur les produits Rodés, utiliser sur les produits polis en faisant très attention. Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

## NETTOYAGE QUOTIDIEN / ORDINAIRE

Utiliser de l'eau chaude et un chiffon en microfibre de bonne qualité, comme les chiffons MAGIC CLEAN de **Bonasytems Italia**.

Si besoin, utiliser de l'eau chaude et un détergent neutre très dilué (un bouchon pour 5 l d'eau) ou de l'eau chaude et un dégraissant universel (4 à 5 pulvérisations pour 5 l d'eau). Après chaque lavage, toujours rincer avec de l'eau et un chiffon en microfibre propre.

TYPE D'OPERATION	TYPE DE NETTOYAGE	NOM DES NETTOYANTS	FABRICANT
nettoyages quotidiens	neutre	floor cleaner	faberchimica
	dégraissant universel	cleaner pro	fila
		pflgereiniger	lithofin
	hmk p15	hmk	
	bonamain + / bmain +	bonasytems italia	
	bonatitania clean / bitania clean	bonasytems italia	
	belgres	geal	
	chanteclair sgrassatore universale	real chimica	
smac expresse sgrassatore	bolton group		

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

## NETTOYAGE DÉCORS

- utiliser des détergents NEUTRES et dilués. **NE SURTOUT PAS UTILISER:** Agents cirants et/ou agents d'imprégnation - Des détergents acides ou alcalins - Des produits abrasifs - Des brosses ou des éponges abrasives.

## ÉLIMINATION DES FILMS BRILLANTS

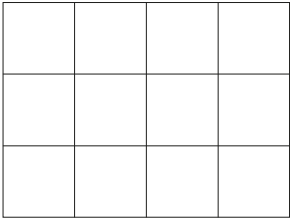
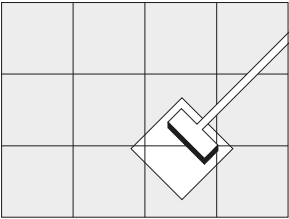
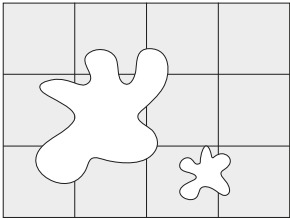
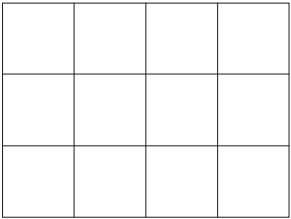
Les nettoyants ordinaires disponibles dans le commerce contiennent souvent des cires ou des additifs de cirage qui, lavage après lavage, déposent sur le revêtement de sol des **films brillants** qui entraînent la formation d'auréoles difficiles à éliminer. Des films de ce genre peuvent aussi être occasionnés par certains mortiers. Si des simples boissons, comme le Coca-Cola, le vin, l'eau, etc., sont renversées sur le sol, ce film brillant part et les carreaux reprennent leur **aspect original** plus mat. À côté des carreaux plus brillants, les zones sans cire ont l'air d'être des sortes d'auréoles mates, alors qu'en fait, ce sont les seules parties propres du revêtement de sol. Dans ce cas, il faut :

1. avant toute chose, éliminer le film brillant sur l'ensemble du revêtement de sol (voir tableau ci-après) ;
2. ensuite, pour les nettoyages quotidiens, utiliser des nettoyants neutres qui ne contiennent ni cire ni additif de cirage (voir paragraphe précédent « nettoyages quotidiens/ordinaires »).

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
patine lucide	debolmente acidulo	tile cleaner puro (*)	faberchimica

(\*) Ne pas suivre le mode d'emploi signalé sur l'emballage, mais utiliser le nettoyant pur, laisser agir 5-10 minutes, frotter avec des disques tampons doux (blanc, jaune) et bien rincer à l'eau.

**Nes pas utiliser de cires** sur le grès cérame LEA CERAMICHE.

<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	
	Sol originel.		Après un nettoyage avec détergents contenant de la cire.		Certains aliments (Coca-Cola, vin, eau, etc.) peuvent enlever la patine brillante. La surface originelle est plus opaque.		Retirer la patine à l'aide d'un détergent (Tile Cleaner pur de Faber) et utiliser chaque jour un détergent sans cire.

## ENTRETIENS EXTRAORDINAIRES

### Protection joints

NOM DU PRODUIT	FABRICANT
fugaproof	fila
kf fugenschutz	lithofin

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

### Traitements antidérapantes

La résistance au glissement des carrelages posés (aussi bien des carreaux émaillés que des carreaux non émaillés) peut être améliorée avec des produits spécifiques (voir tableau). Avant d'appliquer le produit sur le revêtement de sol, faire toujours des tests sur les carreaux non posés pour déterminer les temps de pose plus indiqués. Si d'un côté, les longs temps de pose augmentent le coefficient de frottement, de l'autre, ils ont tendance à décolorer un peu les carreaux et à les salir plus vite.

TYPE D'OPÉRATION	NOM DU PRODUIT	FABRICANT
traitement antidérapante	bonagrip	bonasytems italia

#### attention:

1. Ne pas faire ces traitements sur les surfaces Rodées ou Polies ; 2. Avant le traitement, contacter le Service Clients Lea ; 3. Il est recommandé de confier le traitement à des entreprises spécialisées.

Les produits **POLIS** peuvent atteindre un niveau d'adhérence **R9** (essai DIN 51130) par le biais de traitements laser ; ceux-ci ne peuvent être effectués que sur les produits non posés. Pour les carreaux Polis, le client est donc tenu de spécifier le niveau R9 au service commercial lors de la commande. Ces traitements laser peuvent aussi être effectués sur les surfaces **RODÉES** (après vérification auprès du Service Clients LEA CERAMICHE).

Quelques noms utiles pag. 378

Le manuel technique « entretien et maintenance » est disponible sur le site internet [leaceramiche.com](http://leaceramiche.com)

# Informationen zur reinigung und pflege.

Vor der Reinigung einer gefliesten Fläche wird folgendes empfohlen:

1. Im Hauptkatalog die **Chemikalienbeständigkeit** der verlegten Fliesen prüfen;
  2. Einen Vortest direkt auf den verlegten Fliesen vornehmen, indem das zu verwendende Reinigungsmittel über den gleichen Zeitraum wie in der Baustelle mit den Fliesen in Kontakt gebracht wird;
  3. Sicherstellen, dass die zu verwendenden Reinigungsmittel **keine** Fluorwasserstoffsäure und/oder ihre Derivate enthalten, da diese Substanzen durch ihre Besonderheit **alle** keramischen Produkte angreifen.
- Es folgen einige Angaben zur täglichen, außergewöhnlichen Reinigung am Ende der Bauarbeiten („nach dem Verlegen“), um Wachs und glänzende Schichten zu entfernen und um eventuelle besondere Wartung auszuführen.

## REINIGUNG „NACH DEM VERLEGEN“

1. Die Reinigung „nach dem Verlegen“ dient zur Entfernung der Spachtelrückstände, Zementrückstände und Kalkrückstände. Sie ist am Ende der Bauarbeiten für die glasierten und unglasierten Fliesen obligatorisch.
2. Eine schlecht ausgeführte oder eventuell gar nicht ausgeführte Reinigung „nach dem Verlegen“ ist oft die Ursache von Schatten, die trotz einer täglichen Reinigung die Ursache eines nicht sauberen Bodens sind.
3. Wenn möglich – vor allem bei mittel-großen Oberflächen – empfehlen wir die Anwendung eines Einbürstengeräts mit passenden Scheiben weich (weiß oder beige).
4. reinigung von mit wasser gemischten mörtel

Diese wird mit speziellen Reinigungsmitteln mit gepufferten und verdünnten Säuren ausgeführt. Einige dieser, die im Handel leicht erhältlich sind, sind in der folgenden Tabelle aufgeführt.

ZU ENTFERNENDER REST	REINIGUNGSMITTEL	NAME REINIGUNGSMITTEL	HERSTELLER
Mörtel	Mit gepufferten Säuren	keranet	mapei
Zementschlamm		cement remover	faberchimica
Zement		deterdek pro	fila
Kalk		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Außer bei anders lautenden Angaben von LEA CERAMICHE, werden die Gebrauchsanweisungen der Produkthersteller befolgt. (\*) Für nicht säurebeständige Produkte geeignet

## ANLEITUNGEN FÜR DIE REINIGUNG „NACH DEM VERLEGEN“:

1. Die Reinigung 4-5 Tage nach der Verlegung (die Fugenmasse muss aushärten) und nicht nach 10 Tagen ausführen. Über diesen Zeitraum hinaus kann die Reinigung sehr schwierig werden.
  2. Den Boden vor der Reinigung mit Wasser benetzen. Auf diese Weise werden die Verfugungen mit Wasser benetzt und der Kontakt mit den Reinigungsmitteln reduziert.
  3. Die Reinigungsmittel über eine begrenzte Zeit einwirken lassen und sobald wie möglich mit Wasser spülen.
  4. Die Reinigung darf nicht ausgeführt werden, wenn die gefliesten Flächen sehr heiß sind (z.B. im Sommer der Sonne ausgesetzt), da die Wirkung der chemischen Substanzen aggressiver ist. Im Sommer wird sie in den kühlen Stunden des Tags ausgeführt.
  5. Vor der Anwendung immer Tests vornehmen (auf einer nicht verlegten Fliese), insbesondere bei geläppten oder polierten Produkten.
  6. Reinigung von epoxi-, bi-komponent und aktiven spachtelmassen
- In diesen Fällen müssen die Stuckrückstände sofort und sehr sorgfältig unter Beachtung der Angaben des Herstellers erfolgen, weil diese Stücke u.U. sehr schnell in wenigen Minuten härten. Die angegebene Reinigungshinweis vom Hersteller der verwendete Fugenmasse sorgfältig befolgen. Vor dem Verfugen des gesamten Belag (Boden u/o Wand), die Wirkung der Reinigungsempfehlung (auch im Gegenlicht!) mit einem Vor-Test Reinigung überprüfen.

## 7. Rutschfeste fliesen

Aufgrund ihrer Beschaffenheit sind die rutschfesten, rauen oder strukturierten Oberflächen etwas schwieriger zu reinigen. Aus diesem Grunde ist die Reinigung sehr wichtig. Für eine schnellere Reinigung wird der Einsatz einer Einscheibenmaschine mit einer weissen oder beige Scheibe empfohlen.

## SONDERREINIGUNG

Sie wird ausgeführt, um besonders alte oder hartnäckige Flecken oder Reste zu entfernen. Vor der Anwendung immer Tests vornehmen (auf einer nicht verlegten Fliese), insbesondere bei **geläppten** und **polierten** Fliesen. In der unten aufgeführten Tabelle sind wirksame Reinigungsmittel je nach Fleckenart angegeben.

ZU ENTFERNENDER REST	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Fette Trittsaub Grundreinigung	Polyfunktionell, mit Alkalibasis (1)	ps87 pro	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
		deterflash	geal
Kaffee Coca Cola Obstsäfte	Polyfunktionell, mit Alkalibasis (1)	coloured stain remover	faberchimica
		ps87 pro	fila
		super deterjet	geal
		candeggina	vari produttori
Wein	Oxydierend	oxidant candeggina	faberchimica vari produttori
Kalkrückstände	Mit Säurebasis (1)	viakal	procter & gamble
Rost	Mit Säurebasis (1)	acido muriatico diluito	vari produttori
Tinten Filzstift	Mit Lösungsmittel	diluente nitro, acqua ragia coloured stain remover	vari produttori faberchimica
Reifen Gummiflecken Metall Bleistift	scheuermittel (1)	vim clorex (2) polishing cream (2) strong remover (3) detergum (3)	guaber faberchimica faberchimica zep italia
Fugenschmutz	Spezifisch	fuganet fugenreiniger	fila lithofin

(1) Vortesten auf geläppten und polierten Materialien. (2) Für geläppte und polierte Materialien. (3) Nicht auf geläppten Produkten verwenden, sehr vorsichtig auf polierten Materialien verwenden.

Außer bei anders lautenden Angaben von LEA CERAMICHE, die von den Herstellern angegebenen Gebrauchsanweisungen befolgen.



## TÄGLICHE / REGELMÄSSIGE REINIGUNG

Warmes Wasser und ein hochwertiges Mikrofasertuch wie MAGIC CLEAN von **Bonasystems Italia** verwenden. Bei Bedarf Warmwasser und ein stark verdünntes, neutrales Reinigungsmittel verwenden (ein Flaschenverschluss auf 5 l Wasser) oder warmes Wasser und einen Universal-Entfetter (4-5 Sprühstöße auf 5 l Wasser). Nach dem Reinigen stets mit einem zweiten hochwertigen Mikrofasertuch und klarem Wasser nachwischen.

VORGANGSART	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Tägliche Reinigung	Neutral	floor cleaner	faberchimica
		cleaner pro	fila
	universeller Entfetter	pfleregereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / bitania clean	bonasystems italia
		belgres	geal
		chanteclair sgrassatore universale	real chimica
	smac expresse sgrassatore	bolton group	

Außer bei anders lautender Angabe durch LEA CERAMICHE, die Gebrauchsanleitungen der Hersteller befolgen.

## REINIGUNG DES FLIESENDEKORS

- Verwenden Sie ausschließlich NEUTRALE und verdünnte Reinigungsmittel. **VERWENDEN SIE AUF KEINEN FALL:** Wachs- und/oder Imprägniermittel - Ätzende oder alkalische Reinigungsmittel - Scheuerpasten- und Pulver - Grobe Bürsten oder abrasive Schwämme.

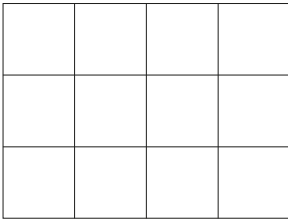
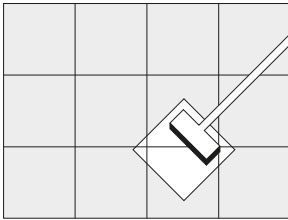
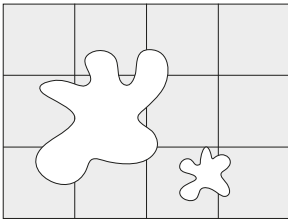
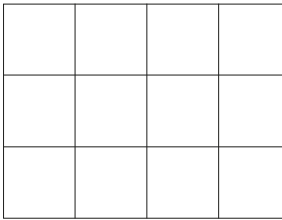
## ENTFERNEN VON GLÄNZENDEN SCHICHTEN

In den normalen handelsüblichen Reinigungsmitteln sind manchmal Wachse oder glänzende Zusätze enthalten, die nach jeder Reinigung **glänzende** Schichten auf dem Boden hinterlassen, die hartnäckige Streifen verursachen. Schichten dieser Art können auch von einiger Fugenmassen hinterlassen werden. Einfache Lebensmittel wie Coca Cola, Wein, Wasser usw. entfernen durch Fallen auf den Boden diese glänzende Schicht und bringen den matten **Originalzustand** der Fliesen wieder zum Erscheinen. Auf dem glänzenden Teil des Bodens erscheinen die Bereiche ohne Wachs als matte Schatten, eigentlich handelt es sich um die einzigen sauberen Bereiche des Bodens. In diesen Fällen muss man:

1. Zuerst die glänzende Schicht vom ganzen Boden entfernen (siehe folgende Tabelle);
2. Dann zur täglichen Reinigung neutrale Reinigungsmittel verwenden, die keine Wachse oder glänzende Zusätze enthalten (siehe vorheriger Abschnitt „tägliche/regelmäßige Reinigung“).

ZU ENTFERNENDER REST	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Glänzende Schichten	Leicht sauer	tile cleaner pur (*)	faberchimica

(\*) Die Angaben auf der Verpackung nicht befolgen, sondern das Reinigungsmittel pur anwenden, 5-10 Minuten einwirken lassen, mit weichen Kissen abreiben (weiß, gelb) und gut mit Wasser abspülen. **Keine Wachse** auf Feinsteinzeug von LEA CERAMICHE verwenden.

<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	
	Originalfußboden.		Nach der Reinigung mit wachshaltigen Reinigungsmitteln.		Normale Lebensmittel (Coca-Cola, Wein, Wasser usw...) können die glänzende Patina entfernen. Die Originaloberfläche ist matter.		Die Patina sollte mit Reinigungsmittel entfernt werden (Tile cleaner pur von Faber) und für die tägliche Reinigung sollte ein wachsfreies Reinigungsmittel verwendet werden.

## BESONDERE WARTUNG

### fugenschutzmittel

PRODUKTNAME	HERSTELLER
fugaproof	fila
kf fugenschutz	lithofin

Außer bei anders lautender Angabe der LEA CERAMICHE die Gebrauchsanleitungen der Hersteller befolgen.

### rutschfeste behandlung

Die Rutschfestigkeit der verlegten Böden (glasierte sowie unglasierte Fliesen) kann durch Anwendung spezifischer Produkte erhöht werden (siehe Tabelle). Bevor das Produkt auf dem Boden aufgetragen wird, werden Vortests auf nicht verlegten Fliesen vorgenommen, um die geeignete Kontaktzeit zu finden. Wenn längere Zeiten auf der einen Seite die Rutschfestigkeit erhöhen, neigen sie auf der anderen Seite dazu, die Farben der Fliesen zu bleichen und sie etwas schmutzempfindlicher zu machen.

VORGANG	PRODUKTNAME	HERSTELLER
rutschfestigkeits-Behandlung	bonagrip	bonasystems italia

### Achtung:

1. Diese Behandlungen nicht auf geläpften oder polierten Oberflächen verwenden; 2. Vor der Behandlung den Kundenservice Lea fragen; 3. Wir empfehlen, die Behandlung durch spezialisierte Firmen auszuführen

Die **POLIERTEN** Produkte können den Grad **R9** (Test DIN51130) mit geeigneten Laserbehandlungen erreichen, die nur bei nicht verlegtem Material ausgeführt werden können: Somit muss die Anforderung des Grads R9 für polierte Produkte im Auftrag an die Verkaufsabteilung angegeben werden. Diese Laserbehandlungen können auch auf **GELÄPFTEN** Oberflächen ausgeführt werden (nach der Prüfung des Kundenservice von LEA CERAMICHE).

### Nützliche adressen pag. 378

Das technische Handbuch "Reinigung und Verbrauch" finden Sie jetzt auf unsere Web Site [leaceramiche.com](http://leaceramiche.com)

# Destinazioni d'uso.

## Intended uses / Utilisations prévues / Einsatzbereiche



LEGENDA LEGEND LÉGENDE LEGENDE	Residenziale Residential Résidentiel Wohngebiet	Commerciale leggero Light commercial Commercial léger Leichte gewerbliche Anwendungen	Commerciale intensivo Intensive commercial Commercial intensif Intensive gewerbliche Anwendungen	Esterni Outdoor Extérieurs Außenbereiche	
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Stone.					
Anthology.	natural / worn	natural / worn	natural / worn	rough	
Nextone. Slimtech	nat	nat	nat		
Nextone.	nat / lapp	nat / lapp	nat / lapp	grip	
Waterfall. Slimtech	nat	nat	nat	-	
Waterfall.	nat / lapp	nat / lapp	nat / lapp	grip	
Cliffstone.	nat / lapp	nat / lapp	nat / lapp	grip	
Basaltina Stone Project. Slimtech	nat	nat	-	-	
Basaltina Stone Project.	nat	nat	nat	-	

Marble.					
Synesthesia. Slimtech	lev / smooth	lev / smooth	-	-	
Delight. Slimtech	nat / lev / touch	nat / lev / touch	nat	-	
Delight.	nat / lux	nat / lux	nat	-	
Timeless Marble. Slimtech	lev / sat	lev / sat	-	-	
Dreaming.	lux / velvet	lux / velvet	-	-	

**Residenziale:** cucine, bagni, living e ogni altro ambiente di uso residenziale.  
**Commerciale leggero:** uffici, uffici aperti al pubblico, sale d'attesa, negozi, bagni pubblici, aree comuni condominiali, sale di ristoranti, autosaloni, bar, cinema, ambulatori/cliniche, camere e bagni di hotel. In aree caratterizzate da passaggi obbligati, o dove è previsto l'utilizzo di sedie con ruote in plastica dura, non è consigliato l'utilizzo di prodotti con finitura LUX.  
**Commerciale intensivo:** aree comuni di centri commerciali, hall di hotel, mense, fast food, discoteche, ospedali, scuole, musei, luoghi di culto, aeroporti, stazioni.  
**Esterni:** prevalentemente per ambienti esterni nei quali è richiesta una pavimentazione con prestazioni antiscivolo.

#### NOTE

La finitura GLOSSY/LEV/LUX/TOUCH è consigliata, oltre che per rivestimenti, anche per pavimenti in ambienti residenziali o commerciale leggero non sottoposti ad elevate sollecitazioni, ove non siano richieste prestazioni antiscivolo.

La presenza sporadica di piccole disuniformità o di puntini sulla superficie è da ritenersi come caratteristica del materiale e della particolare lavorazione. Qualora il prodotto sia posto a diretto contatto con l'esterno, si consiglia di utilizzare soluzioni protettive al fine di prevenire la formazione di graffi. È responsabilità del posatore provvedere sempre alla protezione della piastrellatura finita e pulita, prima della consegna al committente, tramite appositi materiali protettivi (es. pannelli in truciolare, fogli di cartone, ecc.).

In aree caratterizzate dal passaggio di carichi pesanti concentrati non è consigliato l'utilizzo di prodotti a spessore ridotto.

**Residential:** kitchens, bathrooms, living rooms and other residential environments.

**Light commercial:** offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms. In areas subjected to forced traffic, or areas where chairs with hard plastic wheels are used, it is not advisable to use products with the LUX finishes.

**Intensive commercial:** common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

**Outdoor:** mainly for external areas that require flooring with anti-slip characteristics.

#### NOTE

The GLOSSY/LEV/LUX/TOUCH finishes are recommended, as well as for wall cladding, also for flooring in residential or light commercial areas that are not subjected to heavy traffic, where anti-slip characteristics are not required.

The occasional presence of small inconsistencies or little spots on the surface is to be considered a characteristic of the material and of its unique production process. If the product is laid in direct contact with external environments, it is recommended to use protective solutions to reduce the formation of scratches.

It is the installer's responsibility to protect the finished and clean tiling before the delivery to the client, by using appropriate protective materials (e.g. chipboard, cardboard sheets, etc.).

In areas that are subjected to heavy concentrated loads it is not recommended to use low thickness products.



LEGENDA LEGEND LÉGENDE LEGENDE	Residenziale Residential Résidentiel Wohngebiet	Commerciale leggero Light commercial Commercial léger Leichte gewerbliche Anwendungen	Commerciale intensivo Intensive commercial Commercial intensif Intensive gewerbliche Anwendungen	Esterni Outdoor Extérieurs Außenbereiche
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### Cement & Resin.

Concreto. Slimtech	nat	nat	nat	-	
Concreto and Zoom.	nat / lapp	nat / lapp	nat / lapp	grip	
Take Care. Slimtech	take / care	take / care	take / care	-	
Trame.	plaster	plaster	plaster	-	
District.	nat	nat	nat	-	
Re-evolution. Slimtech	nat	nat	-	-	
Metropolis.	nat	nat	nat	-	
Stoneclay.	nat	nat	nat	-	

### Wood.

Bio Select.	nat	nat	nat	grip	
Bio Recover.	nat	nat	nat	-	

### Shape & Color.

Absolute. Slimtech	lev / sat	lev (Total White) / sat	-	-	
Gouache.10. Slimtech	nat	nat	-	-	
Naive. Slimtech	nat	nat	-	-	

**Résidentiel:** cuisines, salles de bains, salons et tout autre espace à usage résidentiel.

**Commercial léger:** bureaux, bureaux ouverts au public, salles d'attente, magasins, toilettes publiques, espaces communs de logements collectifs, salles de restaurants, salons automobiles, bars, cinémas, cabinets médicaux/cliniques, chambres et salles de bains d'hôtels. Dans les zones caractérisées par des passages obligatoires, ou des lieux dans lesquels des chaises à roulettes en plastique dur sont utilisées, l'utilisation de produits avec une finition LUX n'est pas recommandée.

**Commercial intensif:** zones communes de centres commerciaux, halls d'hôtels, cantines, fast-foods, discothèques, hôpitaux, écoles, musées, lieux de culte, aéroports, gares.

**Extérieurs:** principalement pour les environnements extérieurs où un sol antidérapant est requis.

#### REMARQUES

En plus des revêtements, la finition GLOSSY/LEV/LUX/TOUCH est également recommandée pour les sols dans les environnements résidentiels ou commerciaux légers peu soumis à des contraintes élevées, pour lesquels aucune prestation antidérapante n'est requise. La présence sporadique de petites irrégularités ou de points à la surface doit être considérée comme une caractéristique du matériau et de sa fabrication particulière. Si le produit est placé en contact direct avec l'extérieur, il est conseillé d'utiliser des solutions de protection afin d'éviter la formation de rayures. Dans les zones à passage de charges lourdes concentrées, l'utilisation de produits d'épaisseur réduite n'est pas recommandée.

Il incombe au carreleur de protéger le dallage fini et propre avant la livraison au client, en utilisant des matériaux de protection appropriés (e.g. panneau aggloméré, feuille de carton etc.)

In Bereichen, die schwerer Belastung ausgesetzt sind, ist die Verwendung von Produkten mit reduzierter Stärke nicht empfehlenswert.

**Wohngebiet:** Küchen, Badezimmer, Wohnzimmer und alle sonstigen Wohnbereiche.

**Leichte gewerbliche Anwendungen:** Büroräume, öffentliche Büros, Wartezimmer, Geschäfte, öffentliche Toiletten, Gemeinschaftsflächen in Mehrfamilienhäusern, Gaststätten, Autohäuser, Cafés, Kinos, Praxen/Kliniken, Hotelzimmer und -badezimmer. In Bereichen mit obligatorischen Durchgängen oder in denen Stühle mit Hartplastikrollen verwendet werden, ist der Einsatz von Produkten mit den Oberflächen LUX nicht empfohlen.

**Intensive gewerbliche Anwendungen:** Gemeinschaftsbereiche in Einkaufszentren, Hotelhallen, Kantinen, Fastfood-Restaurants, Diskotheken, Krankenhäuser, Schulen, Museen, Kultstätten, Flughäfen, Bahnhöfe.

**Außenbereiche:** Vor allem für Außenbereiche, in denen ein rutschfester Boden erforderlich ist.

#### ANMERKUNGEN

Die Oberfläche LUX/LEV/TOUCH wird nicht nur für Wandverkleidungen empfohlen, sondern auch für Böden in Wohn- bzw. Gewerbebereichen, die keiner hohen Belastung ausgesetzt sind und bei denen keine rutschhemmende Wirkung erforderlich ist. Das sporadische Vorhandensein von kleinen Unebenheiten oder Punkten auf der Oberfläche ist als ein Merkmal von Material und besonderer Verarbeitung zu betrachten. Wird das Produkt in direkten Kontakt mit der Außenseite gebracht, wird empfohlen, Schutzlösungen zu verwenden, um die Bildung von Kratzern zu vermeiden. In Bereichen, die schwerer Belastung ausgesetzt sind, ist die Verwendung von Produkten mit reduzierter Stärke nicht empfehlenswert.

Der Fliesenleger ist dafür zuständig, den fertig verlegten, sauberen Fliesenbelag vor der Übergabe an den Bauherrn mit geeigneten Schutzmaterialien (z.B. Spanplatten, Pappe etc.) abzudecken.

Dans les zones à passage de charges lourdes concentrées, l'utilisation de produits d'épaisseur réduite n'est pas recommandée.

## Riferimenti utili.

### Useful contacts / Quelques noms utiles / Nützliche adressen

**MAPEI SPA,**

via Cafiero 22, 20158 Milano - ITALY  
Tel. +39 02 37673 - www.mapei.it

**FABERCHIMICA SRL,**

via G. Ceresani 10 - località Campo d'Olmo 60044 Fabriano (AN) - ITALY  
Tel. +39 0732 627178 - www.faberchimica.com

**FILA INDUSTRIA CHIMICA SPA,**

via Garibaldi 32, 35018 S. Martino dei Lupari (PD) - ITALY  
Tel. +39 049 9467300 - www.filachim.it

**ZEP ITALIA SRL,**

via Nettunese Km 25,000 - 04011 Aprilia (LT) - ITALY  
Tel. +39 06 926691 - www.zepitalia.it

**JOHNSONDIVERSEY,**

via Meucci, 40 - 20128 Milano - ITALY  
Tel. +39 0373 2051 - www.johnsondiversey.com

**KITER SRL,**

via Assiano 7/B - 20019 Settimo Milanese (MI) - ITALY  
Tel. +39 02 3285220 - www.kiter.it

**GEAL SRL,**

via Settola 121 - 51031 Agliana (Pistoia) - ITALY  
Tel. +39 0574 750365 - www.geal-gres.it

**FEDERCHEMICALS SRL,**

via Borsi 2 - 25100 Brescia - ITALY  
Tel. +39 030 3385578 - www.federchemicals.it

**LITHOFIN-PRODUCTE GMBH,**

Postfach 1134, D-73236 Wendlingen (D)  
Service - Tel. 0049 07024/940320 - www.lithofin.de  
Vertrieb für Österreich: CT-Austria Ges.m.b.H. A-1230 Wien Tel. 0043 01 8673434

**HMK - MÖLLER-CHEMIE BENELUX GMBH**

- Linge 4 NL-2105 WB Heemstede (NL)  
Tel. 0031 0252-220222 - www.moellerchemie.de

**BONASYSTEMS ITALIA SRL,**

via Borgo Santa Chiara 29 - 30020 Torre di Mosto (Venezia) - ITALY  
Tel. +39 0421 325691 - www.bonasytemsitalia.it

## Manuali tecnici.

### Technical manuals / Manuels techniques / Technische Handbücher

**CAPPOTTI TERMICI**

external wall thermal insulation  
murs manteaux thermiques  
Wärmedämmungen

**FACCIATE VENTILATE**

ventilated walls  
façades ventilées  
Hinterlüftete Fassaden

**PAVIMENTI SOPRAELEVATI**

raised floors  
sols surélevés  
Doppelboden

**RIVESTIMENTO INTERNO PISCINE**

swimming pools  
revêtements piscines  
Schwimmbadenverkleidung

**PULIZIA E MANUTENZIONE**

cleaning and maintenance  
nettoyage et entretien  
Reinigung und Wartung

**TOP CUCINE**

kitchen countertops  
plan de travail cuisine  
Küchenarbeitsplatte

**SOLUZIONI APPLICATIVE PRODOTTI 20mm**

application solutions for 20mm products  
solutions applicatives produit 20mm  
Anwendungslösungen für 20mm Produkte

**MANUALE TECNICO SLIMTECH**

slimtech technical manual  
manuel technique slimtech  
slimtech technisches handbuch

**MANUALE TECNICO PROTECT**

protect technical manual  
manuel technique protect  
protect technisches handbuch

### I manuali tecnici sono disponibili sul sito internet leaceramiche.com

The technical manual is available on the website leaceramiche.com  
Les manuels techniques sont disponibles sur le site Internet leaceramiche.com  
Die Technischen Broschüren sind auf der Webseite leaceramiche.com erhältlich.

## Nota relativa agli imballi.

### Information regarding packaging / Note informative concernant les emballages / Kennzeichen fuer die Verpackungseinheiten

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Tutti i dati relativi gli imballi indicati nel presente catalogo sono da ritenersi puramente indicativi e potrebbero subire variazioni.

All information regarding packaging in this catalogue are considered purely indicative and subject to change.

Les valeurs des emballages déclarées sur ce catalogue sont purement indicatives et elles pourront être modifiées.

Die Angaben diesen Verpackungen sind rein indikativ und koennen veraendert werden.

## Nota relativa al prodotto.

### Information regarding product / Note informative concernant le produit / Kennzeichen fuer die Produkte

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Tutte le informazioni relative al prodotto possono subire variazioni in ordine a miglorie dello stesso.

All product information can be modified in order to improve it.

Toutes les informations relatives au produit peuvent subir des variations suite à des améliorations de celui-ci.

Alle Produktinformationen können geändert werden, um es zu verbessern.

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Le rappresentazioni fotografiche e descrittive dei prodotti di Lea Ceramiche riportate sui depliant, sui cataloghi e sugli altri materiali pubblicitari dell'azienda, sono puramente illustrative dello specifico prodotto rappresentato. Si precisa infatti che, successivamente alla pubblicazione dei materiali pubblicitari dell'azienda, il prodotto potrebbe subire leggere modifiche nel relativo processo produttivo, al fine di renderlo tecnologicamente migliore. Tali aggiustamenti tecnologici potrebbero determinare lievi differenze, anche estetiche e/o cromatiche, nel prodotto medesimo, con la conseguenza che lo stesso potrebbe risultare diverso da come rappresentato e/o illustrato e/o descritto nel materiale pubblicitario di Lea Ceramiche. Tali differenze non potranno essere in alcun modo considerate dall'acquirente un vizio e/o difetto del materiale ceramico stesso, bensì una caratteristica dello specifico prodotto. Tutti i materiali ceramici che imitano pietre naturali presentano differenze di colore e sfumature che non potranno in nessun modo essere considerate quale difetto del prodotto, ma bensì una qualità caratteristica di tali tipi di produzione.

The photographs and descriptions of Lea Ceramiche products given in the brochures, catalogues and other corporate advertising materials aim merely to represent the specific products. After the publication of the corporate advertising materials, the products may be slightly modified as a result of technological improvements. Such technological modifications may lead to slight differences in appearance and/or colour of the products, which may therefore differ from the representations, illustrations or descriptions given in the Lea Ceramiche advertising materials. Such differences shall in no way be deemed to be faults and/or defects in the ceramic materials, but rather intrinsic features of the specific products. All ceramic materials that imitate natural stone differ in color and nuances, and this cannot in any way be considered as a product defect, but rather a characteristic of these types of products.

Les représentations photographiques et descriptives des produits de Lea Ceramiche reportées au sein des dépliants, des catalogues et des autres matériels publicitaires de l'entreprise visent simplement à illustrer le produit spécifique représenté. En effet, nous précisons que suite à la publication des matériels publicitaires de l'entreprise, le produit pourrait subir de légères modifications lors du processus de production afin de le rendre meilleur du point de vue technologique. Ces ajustements technologiques pourraient engendrer de légères différences, même esthétiques et/ou chromatiques, au niveau du produit même, impliquant que celui-ci pourrait diverger des représentations et/ou des illustrations et/ou des descriptions contenues dans le matériel publicitaire de Lea Ceramiche. Ces différences ne pourront en aucun cas être considérées par l'acquéreur comme une imperfection et/ou un défaut du matériau céramique, mais plutôt comme une caractéristique du produit spécifique. Tous les matériaux céramiques imitant les pierres naturelles présentent des différences de couleur et des nuances qui ne pourront en aucun cas être considérés comme un défaut du produit, mais, en revanche, comme une caractéristique typique de ces productions.

Die in den Prospekten, Katalogen und sonstigen Werbematerialien der Firma enthaltenen photographischen Darstellungen und Beschreibungen der Produkte von Lea Ceramiche dienen nur zur Veranschaulichung des jeweils dargestellten Produkts. Wir weisen darauf hin, dass nach der Veröffentlichung der Werbematerialien der Firma leichte Änderungen bezüglich des Produktionsprozesses am Produkt vorgenommen werden könnten, um es in technologischer Hinsicht zu verbessern. Diese technischen Abänderungen könnten zu leichten z.B. ästhetischen und/oder farblichen Unterschieden am Produkt führen, das folglich von dem im Werbematerial von Lea Ceramiche dargestellten und/oder veranschaulichten und/oder beschriebenen Produkt abweichen könnte. Diese Unterschiede dürfen vom Käufer in keiner Weise als Mangel und/oder Defekt des Keramikmaterials angesehen werden, sondern sind ein Merkmal des spezifischen Produkts. Die keramischen Materialien die Natursteine nachbilden (imitieren), die Farbunterschieden haben, sind nicht als Fehler des Materials zu bezeichnen, sondern als typische Merkmale.

**CONDIZIONI GENERALI DI VENDITA****1) Ambito di applicazione**

1.1 Le presenti condizioni generali di vendita ("CGV") si applicheranno a tutte le forniture di piastrelle in ceramica o altri prodotti in ceramica ("Prodotti") che saranno eseguite nei confronti di qualsiasi cliente ("CLIENTE") da una società o divisione del Gruppo Panariagroup Industrie Ceramiche S.p.A. ("VENDITORE") anche se le CGV non verranno di volta in volta espressamente richiamate, menzionate ovvero espressamente accettate dal CLIENTE.

1.2 Accordi in deroga alle presenti CGV saranno efficaci nei confronti di VENDITORE soltanto (i) se contenuti nel "Contratto di Vendita", come definito al successivo paragrafo 3.2, (ii) se contenuti in documenti successivi alla conclusione del Contratto di Vendita ed il cui contenuto sia stato accettato per iscritto da VENDITORE. In ogni caso, anche se presenti deroghe concordate per iscritto, le CGV continueranno ad applicarsi per le parti non espressamente derogate.

1.3 In nessun caso VENDITORE sarà vincolato da eventuali condizioni generali di contratto di CLIENTE, neanche qualora esse siano richiamate o riportate negli ordini o in qualsiasi altra documentazione trasmessa a VENDITORE da CLIENTE. Nessun comportamento di VENDITORE potrà essere interpretato o utilizzato al fine di esprimere tacita accettazione di VENDITORE delle condizioni generali di contratto di CLIENTE.

1.4 In nessun caso, VENDITORE sarà vincolato da atti e/o azioni dei propri agenti, essendo questi ultimi privi del potere di vincolare il VENDITORE.

1.5 Nel caso in cui CLIENTE sia un consumatore, le disposizioni delle presenti CGV non pregiudicheranno i diritti allo stesso spettanti in base alle previsioni di legge relative alle vendite eseguite nei confronti dei consumatori.

**2) Prodotti – Modifiche**

2.1 Le rappresentazioni e/o immagini riguardanti i Prodotti riportate in siti internet, brochure, cataloghi, listini prezzi o documenti simili di VENDITORE hanno valore indicativo ed illustrativo. Allo stesso modo i campioni e modelli rappresentano solo indicativamente per peso, dimensione, capacità, rendimento, colore le caratteristiche dei Prodotti ed hanno solo carattere di indicazioni approssimative e/o di massima e non hanno valore impegnativo per VENDITORE se non nella misura in cui siano espressamente menzionati come tali nell'accettazione scritta dell'offerta da parte di VENDITORE non rappresentando il risultato estetico finale dei Prodotti.

Le caratteristiche tecniche e fisiche nonché le qualità dei Prodotti sono riportate unicamente nei manuali tecnici di VENDITORE. Ogni altro documento riportante le caratteristiche tecniche e fisiche nonché le qualità dei Prodotti ha valore puramente indicativo e non sarà vincolante per VENDITORE.

2.2 VENDITORE dichiara che i Prodotti sono conformi alle norme italiane e comunitarie di settore ad essi applicabili. A pena di inefficacia della garanzia di cui all'articolo 7 e di qualsiasi altra garanzia convenzionale e/o legale, ciascun Prodotto dovrà essere utilizzato ed applicato in conformità alle indicazioni di utilizzo di VENDITORE riferite ai Prodotti in questione e riportate nei cataloghi e/o nei manuali tecnici di VENDITORE ovvero diversamente comunicate o rese accessibili da VENDITORE a CLIENTE e, comunque, in conformità alla diligenza richiesta dalla natura dei Prodotti stessi.

2.3 È responsabilità di CLIENTE, prima della conclusione del Contratto di Vendita, accertare che i Prodotti siano idonei allo scopo e/o all'uso specifico per il quale intende acquistarli e, inoltre, accertare che i Prodotti medesimi siano conformi alla normativa applicabile nel luogo in cui CLIENTE intende importarli, distribuirli, venderli o farne qualsiasi uso.

2.4 VENDITORE, anche dopo la conclusione del Contratto di Vendita, potrà apportare ai Prodotti qualsiasi modifica che esso ritenga necessaria o opportuna, purché non ne alteri le caratteristiche essenziali. Qualora VENDITORE esegua modifiche sostanziali ai Prodotti (ad es. modifiche che interessano: le modalità di installazione, le caratteristiche di intercambiabilità dei Prodotti ecc.) oggetto di un Contratto di Vendita (come definito al successivo paragrafo 3.2), VENDITORE comunicherà per iscritto tale modifica a CLIENTE.

2.5 CLIENTE sarà tenuto a rappresentare agli acquirenti dei Prodotti e ai terzi le caratteristiche dei Prodotti nonché le indicazioni d'uso e di applicazione degli stessi, in conformità a quanto rappresentato da VENDITORE. Fermo restando quanto sopra, CLIENTE sarà esclusivamente responsabile per le dichiarazioni effettuate nei confronti dei terzi in relazione ai Prodotti, alle loro caratteristiche e al loro uso e/o applicazione e dovrà tenere VENDITORE indenne e manlevato da qualsiasi danno eventualmente subito da VENDITORE in relazione a o in connessione con tali dichiarazioni di CLIENTE, nel caso in cui le stesse siano false, incomplete e/o inesatte.

**3) Preventivi – Conclusione del Contratto di Vendita – Tolleranze**

3.1 I preventivi, verbali o scritti, di VENDITORE non costituiscono proposte contrattuali.

3.2 Il contratto di vendita ("Contratto di Vendita") si perfezionerà attraverso:

a) la trasmissione della offerta da parte di VENDITORE e l'accettazione scritta di tale offerta da parte di CLIENTE senza alcuna modifica all'offerta stessa; oppure

b) la trasmissione dell'ordine da parte di CLIENTE e l'accettazione scritta di tale ordine da parte di VENDITORE.

3.3 Ai fini del precedente paragrafo 3.2, lettera a) i seguenti fatti o atti avranno valore di accettazione scritta della offerta di VENDITORE da parte di CLIENTE:

a) ricezione e accettazione, da parte di VENDITORE, di una lettera di credito procurata da CLIENTE;

b) ricezione e accettazione, da parte di VENDITORE, di tutto o di parte del prezzo della fornitura;

c) ricezione, da parte di VENDITORE, di un ordine di acquisto emesso da CLIENTE. In tal caso, qualsiasi previsione dell'ordine di acquisto di CLIENTE che risulti difforme dalle previsioni della offerta di VENDITORE sarà vincolante nei confronti di VENDITORE solo se specificamente accettata per iscritto da quest'ultimo.

3.4 Inoltre, ai fini del precedente paragrafo 3.2, lettera b), nel caso in cui la accettazione di VENDITORE dell'ordine di CLIENTE contenga condizioni differenti rispetto all'ordine formulato da CLIENTE, il Contratto di Vendita si considererà concluso alle condizioni riportate nella conferma d'ordine di VENDITORE, salvo il caso in cui CLIENTE comunichi per iscritto di rifiutare le modifiche riportate nella accettazione dell'ordine di VENDITORE entro 1 (uno) giorno lavorativo dalla ricezione della stessa.

3.5 Le forniture comprenderanno esclusivamente quanto indicato nel Contratto di Vendita.

3.6 CLIENTE riconosce a VENDITORE i margini di tolleranza quantitativa e/o qualitativa rinvenibili dal Contratto di Vendita o dagli usi o dalla prassi del settore dei Prodotti.

**4) Imballaggio – Termini di resa – Termini di consegna**

4.1 I Prodotti saranno imballati ed approntati per la spedizione secondo i sistemi di protezione generalmente adottati da VENDITORE per i Prodotti in questione in considerazione delle modalità di trasporto convenute. Qualora CLIENTE ritenga necessario l'impiego di imballaggi speciali o di protezioni aggiuntive dovrà farne esplicita richiesta a VENDITORE, fermo restando che, in tal caso, saranno a carico di CLIENTE tutti i relativi costi.

4.2 Salvo diversamente previsto nel Contratto di Vendita, i Prodotti saranno consegnati a CLIENTE in conformità alla regola Incoterms® ICC, ultima versione, Ex-Works (EXW) – stabilimento di VENDITORE indicato nel Contratto di Vendita.

CLIENTE autorizza VENDITORE a sottoscrivere, in nome e per conto di CLIENTE, tutti i documenti che debbano essere sottoscritti al momento della presa in carico dei Prodotti presso gli stabilimenti di VENDITORE, come, ad esempio, il CMR.

Nel caso in cui la regola Incoterms® ICC concordata tra le parti preveda che CLIENTE debba curare il trasporto dei Prodotti fuori dall'Italia:

a) in caso di cessione intra-comunitaria, entro 45 (quarantacinque) giorni dalla ricezione dei Prodotti presso gli stabilimenti di CLIENTE, CLIENTE dovrà trasmettere a VENDITORE un originale o una copia del documento di trasporto internazionale CMR o di altro documento di trasporto, sottoscritti a destinazione da CLIENTE ovvero, in assenza del CMR, una dichiarazione di ricezione dei Prodotti, emessa sulla base del form quale Allegato -1- disponibile per il download all'indirizzo [www.panariagroup.it](http://www.panariagroup.it);

b) in caso di cessione extra-comunitaria, CLIENTE si impegna a:

i) presentare la dichiarazione doganale di esportazione (DAU-EX e DAE) ed effettuare l'appuntamento del MRN (Movement Reference Number) presso la dogana del territorio comunitario di uscita dei Prodotti, entro 90 (novanta) giorni dalla data di consegna in Italia dei Prodotti stessi;

ii) inviare a VENDITORE, entro 90 (novanta) giorni dalla data di consegna, i documenti comprovanti l'esportazione dei Prodotti (dichiarazione di esportazione DAU-EX + DAE + notifica di avvenuta esportazione);

iii) confermare prontamente per iscritto a VENDITORE l'avvenuta esecuzione delle suddette formalità e a fornirgli ogni ulteriore documento comprovante l'esecuzione delle suddette formalità e l'uscita dei Prodotti dal territorio dell'Unione Europea.

In caso di inadempimento di CLIENTE a quanto pattuito al presente paragrafo 4.2, VENDITORE avrà il diritto di addebitare immediatamente a CLIENTE l'Imposta sul Valore Aggiunto relativa alla fornitura e connessa alla mancata prova del trasporto dei Prodotti in altro Stato Membro della Comunità Europea o mancato appuntamento della esportazione. In ogni caso, CLIENTE terrà indenne e manlevato VENDITORE in relazione al pagamento di tutto quanto eventualmente dovuto da VENDITORE nei confronti dell'Amministrazione Finanziaria, a titolo di sanzioni ed interessi o ad altro titolo, in connessione con la fornitura e la mancata prova del trasporto dei Prodotti in altro Stato Membro della Comunità Europea o al mancato appuntamento della esportazione.

A tal proposito, VENDITORE potrà: (i) compensare qualsiasi importo dovuto da CLIENTE in base al presente paragrafo 4.2 con eventuali crediti maturati da CLIENTE, a qualsiasi titolo, nei confronti di VENDITORE; ovvero (ii) trattenere definitivamente eventuali somme già ricevute da CLIENTE in relazione a Contratti di Vendita ancora da eseguirsi, effettuando una compensazione fra il debito di CLIENTE in base al presente paragrafo 4.2 e tutti i pagamenti già eseguiti da CLIENTE.

4.3 VENDITORE eseguirà la consegna dei Prodotti entro il termine previsto nel Contratto di Vendita, anche mediante consegne parziali. Il termine di consegna si intenderà in ogni caso non essenziale né preteritorio. Salvo il caso di dolo o colpa grave, VENDITORE non sarà tenuto a corrispondere a CLIENTE alcun indennizzo o risarcimento per eventuali danni diretti o indiretti dovuti al ritardo nella consegna. In nessun caso di ritardo nella consegna dei Prodotti CLIENTE avrà il diritto di risolvere il Contratto di Vendita.

4.4 Al momento della ricezione dei Prodotti, CLIENTE avrà l'onere di denunciare danneggiamenti agli imballi e/o eventuali avarie o ammanchi di Prodotti verificatisi durante il trasporto, mediante apposizione di riserva scritta nel documento di trasporto, nonché l'onere di:

a) far confermare dal vettore, mediante apposita sottoscrizione, l'apposizione della riserva; e

b) informare immediatamente per iscritto VENDITORE e inviargli copia del suddetto documento entro e non oltre 8 (otto) giorni dalla data di ricezione dei Prodotti.

In caso contrario, VENDITORE non sarà responsabile per eventuali danneggiamenti, perdite o furti occorsi ai Prodotti durante il trasporto, anche qualora lo stesso sia eseguito con rischio in tutto o in parte a carico di VENDITORE.

**5) Prezzi – Pagamento – Ritardato pagamento**

5.1 I Prodotti verranno forniti ai prezzi concordati tra le parti nel Contratto di Vendita o, qualora il Contratto di Vendita non dovesse menzionare alcun prezzo, ai prezzi riportati nel listino prezzi di VENDITORE in vigore al momento della conclusione del Contratto di Vendita. Salvo diversa indicazione scritta, i prezzi dei Prodotti riportati nei listini, nei preventivi e/o nelle offerte di VENDITORE si intendono in Euro, al netto di IVA e per consegne eseguite in conformità alla regola Incoterms® Ex-Works (EXW), stabilimento di VENDITORE indicato nel Contratto di Vendita, ICC, ultima versione. Pertanto, nel caso in cui venga convenuto un diverso termine di resa, l'importo della fattura verrà modificato di conseguenza, includendo in fattura le spese di trasporto e ogni altro onere connesso con il termine di resa concordato tra le parti per la consegna dei Prodotti.

5.2 Il pagamento dei Prodotti dovrà essere eseguito da CLIENTE con le modalità e nei tempi indicati nel Contratto di Vendita o diversamente concordati per iscritto tra le parti. I pagamenti si considereranno effettuati da CLIENTE solo nel momento in cui il relativo importo sarà stato accreditato sul conto corrente di VENDITORE. Il pagamento dovrà essere effettuato da CLIENTE in Euro ovvero nella valuta del luogo in cui CLIENTE ha la propria sede, a scelta di VENDITORE, in conformità alla valuta che VENDITORE indicherà nella relativa fattura di vendita.

5.3 Nel caso in cui CLIENTE sia in ritardo nell'esecuzione del pagamento, VENDITORE avrà diritto:

a) al pagamento degli interessi legali di mora, in conformità alla legge applicabile;

b) di sospendere le consegne ancora da eseguirsi, previa comunicazione scritta a CLIENTE, fino a quando gli importi dovuti e i relativi interessi di mora siano stati integralmente pagati.

5.4 Qualora tali importi e interessi risultino ancora non pagati una volta decorsi 30 (trenta) giorni dalla scadenza data di pagamento concordata, VENDITORE potrà altresì, a propria discrezione, alternativamente o cumulativamente, e in aggiunta a qualsiasi altro diritto o rimedio allo stesso spettante in base alla legge o alle presenti CGV:

- esigere l'immediato pagamento di ogni debito residuo, anche se sia stato convenuto un pagamento a rate o un pagamento dilazionato e/o siano stati emessi e siano in scadenza cambiali tratte, pagherò cambiari, assegni o altri strumenti di pagamento;
  - risolvere il Contratto di Vendita in questione e trattenere definitivamente eventuali somme già ricevute in relazione a tale Contratto di Vendita e/o ad altri Contratti di Vendita, effettuando una compensazione fra il debito di CLIENTE e tutti i pagamenti ricevuti;
  - eseguire le future consegne dei Prodotti soltanto previo pagamento anticipato in relazione alle forniture ancora da eseguirsi;
  - revocare sconti e bonus che siano stati concordati fra le parti anche in relazione a Contratti di Vendita regolarmente eseguiti.
- 5.5 I diritti di cui ai precedenti paragrafi 5.3 e 5.4 potranno essere esercitati in qualsiasi momento da VENDITORE anche nel caso in cui:
- CLIENTE sia sottoposto a liquidazione, a procedure concorsuali, fallimentari, di ristrutturazione del debito o ad azioni esecutive; oppure
  - la compagnia assicurativa di VENDITORE rifiuti la copertura assicurativa di crediti di VENDITORE nei confronti di CLIENTE; oppure
  - CLIENTE versi in uno stato di difficoltà finanziaria - idoneo a determinare un pregiudizio al puntuale adempimento dei propri obblighi di pagamento - risultante, a titolo esemplificativo e non esaustivo, dalla levata di protesti, dalla diminuzione di garanzie concesse e/o dalla mancata prestazione di garanzie promesse, nonché dal verificarsi di qualsiasi insoluto, anche qualora tali circostanze si siano verificate nell'ambito dei rapporti tra CLIENTE ed altri suoi fornitori.
- 5.6 CLIENTE non potrà far valere eventuali inadempimenti di VENDITORE né potrà avviare alcuna azione legale nei confronti dello stesso fino a quando non abbia pagato integralmente a VENDITORE ogni importo allo stesso spettante ai sensi dei paragrafi 5.3 e 5.4.

#### 6) Riserva di Proprietà

6.1 VENDITORE manterrà la proprietà dei Prodotti venduti fino al completo pagamento del loro prezzo da parte di CLIENTE.

Fermo restando quanto sopra, il rischio di perimento dei Prodotti sarà disciplinato dal termine di resa Incoterms® concordato tra le parti per la consegna dei Prodotti.

6.2 In caso di inadempimento o ritardo nell'adempimento dell'obbligazione di pagare il prezzo dei Prodotti, fermo restando quanto previsto ai precedenti paragrafi 5.4, 5.5 e 5.6, VENDITORE avrà il diritto di accedere ai locali in cui si trovano i Prodotti, di rientrarne in possesso e di incamerare definitivamente, a titolo di penale, eventuali somme pagate da CLIENTE per i Prodotti in questione.

#### 7) Garanzia

7.1 Fatto salvo quanto previsto ai precedenti paragrafi 2.1, 2.2, 2.4 e 3.6 in relazione alle modifiche ammesse ai Prodotti e alle tolleranze, VENDITORE garantisce a CLIENTE che i Prodotti saranno conformi al Contratto di Vendita, alla classificazione indicata nei manuali tecnici, cataloghi e/o listini prezzi di VENDITORE nonché privi di difetti di fabbricazione. La presente garanzia avrà la durata di 12 (dodici) mesi dalla data di ritiro dei Prodotti dallo stabilimento di VENDITORE, a prescindere dal termine di resa Incoterms® concordato.

7.2 Sono esclusi da qualsiasi garanzia:

- le alterazioni cromatiche e le differenze di tonalità dei Prodotti;
- i Prodotti classificati nel Contratto di Vendita come di qualità inferiore alla prima scelta ovvero come partite di Prodotti di fine serie venduta in blocco ovvero come partite speciali;
- i Prodotti non posati a regola d'arte e/o posati in modo difforme rispetto alle previsioni delle norme di settore applicabili;
- i Prodotti applicati su superfici e/o in ambienti diversi da quelli consigliati da VENDITORE;
- i Prodotti utilizzati in modo difforme rispetto alle istruzioni e/o indicazioni di VENDITORE incluse nei cataloghi e/o i listini di VENDITORE ovvero in altro modo comunicate a CLIENTE da VENDITORE ivi incluse le indicazioni di cui al precedente paragrafo 2.2;
- i Prodotti utilizzati in modo non conforme alla normale diligenza e/o alla tecnica richieste dalla natura dei Prodotti stessi;
- l'ingelività del Prodotto, a meno che tale caratteristica del Prodotto non sia stata dichiarata da VENDITORE nel manuale tecnico, in riferimento al Prodotto in questione;
- caratteristiche dei Prodotti come risultanti dalla classificazione del materiale ceramico (i) eseguita da parte di organismi di controllo e/o certificazione diversi da quelli di Paesi dell'Unione Europea e/o (ii) effettuata sulla base di criteri che non corrispondano a quelli utilizzati da VENDITORE.

7.3 Fermo quanto previsto al precedente paragrafo 4.4, CLIENTE sarà tenuto ad esaminare i Prodotti nel più breve tempo possibile e, a pena di decadenza dalla presente garanzia, a denunciare per iscritto a VENDITORE, a mezzo fax o email:

- difficoltà relative alla tipologia e/o alla quantità dei Prodotti ricevuti nonché altre difficoltà palesi dei Prodotti o loro difetti palesi: entro e non oltre 8 (otto) giorni dalla consegna dei Prodotti e, comunque, prima della posa in opera dei Prodotti;
- difficoltà occulte o difetti occulti dei Prodotti: entro e non oltre 8 (otto) giorni dalla scoperta e, comunque, entro il periodo di garanzia.

7.4 VENDITORE avrà il diritto di verificare i Prodotti, o alcuni campioni dei Prodotti, che CLIENTE ritenga essere difformi o difettosi, anche al fine di verificare il rispetto delle prescrizioni relative alla posa in opera degli stessi e/o all'applicazione e/o all'utilizzo dei Prodotti come rinvenibili dalle presenti CGV. A tale proposito, CLIENTE potrà restituire a VENDITORE i Prodotti dallo stesso ritenuti difformi o difettosi soltanto previa autorizzazione scritta di VENDITORE ed a condizione che CLIENTE si faccia integralmente carico delle spese e dei rischi di spedizione. L'autorizzazione al reso dei Prodotti o dei campioni asseritamente difformi o difettosi non costituirà in nessun caso riconoscimento delle difformità o dei difetti da parte di VENDITORE.

7.5 Nel caso in cui i Prodotti siano riconosciuti da VENDITORE come effettivamente difformi o difettosi, CLIENTE, a scelta di VENDITORE, avrà esclusivamente diritto:

- alla sostituzione gratuita dei Prodotti difformi o difettosi; oppure
- all'esenzione parziale o totale dal pagamento del loro prezzo, a seconda della gravità delle difformità o dei difetti.

7.6 Ai fini del paragrafo 7.5 lettera (a), i Prodotti che debbano essere consegnati in sostituzione di Prodotti difformi o difettosi saranno consegnati a CLIENTE in conformità alla regola Incoterms® 2010 ICC DDP - stabilimento di CLIENTE. I Prodotti che siano stati sostituiti dovranno essere, a scelta di VENDITORE, distrutti o smaltiti da CLIENTE, a spese di quest'ultimo, ovvero restituiti a VENDITORE, a spese di VENDITORE stesso. Per i Prodotti sostituiti che debbano essere distrutti o smaltiti da CLIENTE, CLIENTE si impegna ad inviare a VENDITORE la prova dell'avvenuta distruzione o smaltimento dei Prodotti, unitamente ai documenti giustificativi comprovanti il sostenimento dei costi di distruzione o smaltimento.

7.7 I diritti e rimedi descritti ai precedenti paragrafi 7.5 e 7.6 costituiscono i soli diritti e rimedi in garanzia concessi a CLIENTE. Nella massima misura consentita dalla legge, sono esclusi ulteriori responsabilità o obblighi di VENDITORE in relazione alla fornitura di Prodotti difformi o difettosi, ivi inclusi, a titolo esemplificativo e non esaustivo, responsabilità e obblighi per eventuali danni diretti, indiretti o consequenziali, perdite di profitto, ecc. a cui tale responsabilità si ricollega.

7.8 La presente garanzia sostituisce ed esclude ogni altra garanzia, espressa o implicita, prevista per legge o altrimenti.

#### 8) Forza maggiore

8.1 VENDITORE non sarà in alcun modo responsabile per il mancato o ritardato adempimento di alcuna obbligazione relativa alla fornitura dei Prodotti qualora tale mancato o ritardato adempimento sia dovuto a eventi di forza maggiore come guerre, incendi, terremoti, inondazioni, tsunami, scioperi, difficoltà insorte con la forza lavoro, scarsità o difficoltà di approvvigionamento di materie prime, restrizioni all'uso di energia, sospensione o difficoltà nei trasporti, guasti agli impianti, atti della pubblica autorità o a qualsiasi altra azione o causa che non possa essere ragionevolmente prevista o alla quale VENDITORE non possa ragionevolmente porre rimedio tramite l'ordinaria diligenza.

8.2 In tali eventualità, il termine per l'esecuzione della fornitura verrà esteso per tutto il periodo di durata dell'evento di forza maggiore, fermo restando che, qualora tale evento dovesse impedire l'esecuzione della fornitura per oltre 6 (sei) mesi, CLIENTE avrà il diritto di risolvere il relativo contratto di vendita, mediante invio di lettera raccomandata con ricevuta di ritorno o corriere a VENDITORE, senza alcuna responsabilità o conseguenza per VENDITORE.

#### 9) Invalidità di singole clausole contrattuali

L'invalidità di una disposizione delle presenti CGV non comprometterà la validità delle residue disposizioni che rimarranno pienamente valide e efficaci.

#### 10) Riservatezza

10.1 CLIENTE si impegna a: (i) trattare come riservati tutte le informazioni/dati/disegni/know-how/documentazione trasmessigli da VENDITORE ovvero di cui sia venuto a conoscenza nell'esecuzione dei singoli Contratti di Vendita, indipendentemente dal fatto che tali informazioni siano o meno contrassegnate o identificate come riservate o confidenziali ("Informazioni Riservate"); (ii) non divulgare e non comunicare a terzi, né in tutto né in parte, le Informazioni Riservate senza il preventivo consenso scritto di VENDITORE; (iii) limitare l'utilizzo di tali Informazioni Riservate ed il relativo accesso per scopi relativi all'esecuzione dei singoli Contratti di Vendita; (iv) adottare tutte le misure necessarie al fine di assicurare che i propri dipendenti e i propri collaboratori evitino di divulgare a terzi le Informazioni Riservate o le utilizzino in modo improprio. Le Informazioni Riservate non potranno essere riprodotte senza previo consenso scritto di VENDITORE, e tutte le copie delle stesse saranno immediatamente restituite dietro richiesta di VENDITORE.

10.2 Le previsioni di cui sopra non si applicano alle informazioni che: (i) sono pubbliche o divengono pubbliche non per divulgazione da parte del CLIENTE, dei suoi dipendenti o collaboratori, o (ii) erano in possesso del CLIENTE prima che le ricevesse da VENDITORE o (iii) sono state divulgate da fonti che non sono sottoposte alle restrizioni cui è sottoposto CLIENTE relativamente al loro utilizzo, o (iv) possono essere divulgate a terzi in base ad un'autorizzazione scritta di VENDITORE.

#### 11) Legge applicabile - Risoluzione delle controversie

11.1 Le presenti CGV e tutti i Contratti di Vendita che le parti stipuleranno in base alle presenti CGV saranno regolati dalla Convenzione di Vienna del 1980 sulla vendita internazionale di merci e, nelle materie non coperte da tale Convenzione, dalla legge italiana.

11.2 Qualsiasi controversia relativa alle presenti CGV e/o ai Contratti di Vendita che interverranno sulla base delle stesse sarà decisa in conformità alle seguenti previsioni:

- qualora CLIENTE abbia la sua sede legale nell'Unione Europea, in Svizzera, in Norvegia o in Islanda, la controversia sarà assoggettata in via esclusiva alla giurisdizione italiana e, in relazione ad essa, sarà esclusivamente competente il Tribunale di Modena (Italia);
- in tutti gli altri casi, la controversia sarà decisa in via esclusiva e definitiva mediante arbitrato, celebrato da un arbitro unico, in conformità al Regolamento di Procedura della Camera Arbitrale di Milano.

L'arbitrato avrà sede, e il lodo arbitrale verrà pronunciato, nella città di Milano (Italia). La lingua dell'arbitrato sarà la lingua inglese.

11.3 È tuttavia concesso, unicamente a favore di VENDITORE, il diritto incondizionato di agire, in qualità di attore, sotto la giurisdizione di CLIENTE innanzi al tribunale competente.

#### 12) Lingua delle CGV

12.1 Il testo delle presenti CGV è redatto sia in lingua italiana che in lingua inglese.

In caso di discrepanza, il testo in lingua italiana prevarrà sul testo in lingua inglese.

**GENERAL TERMS AND CONDITIONS OF SALE****1) Scope Of Application**

- 1.1 These General Terms and Conditions of Sale ("General Conditions") shall apply to any and all supply of ceramic tiles or other ceramic products ("Products") that will be executed to any client ("CLIENT") from any company or division of the Group Panariagroup Industrie Ceramiche S.p.A. ("SELLER"), even if these General Conditions are not expressly referred to, mentioned or expressly accepted by the CLIENT from time to time.
- 1.2 No provisions deviating from these General Conditions shall be binding on SELLER unless (i) included in the "Sale Contract", as defined under paragraph 3.2 below, (ii) included in documents following the Sale Contract and the content of the same has been accepted in writing by SELLER. In any case, even if deviating provisions are agreed upon, these General Conditions shall apply for the parts not expressly disregarded.
- 1.3 In no case shall any general conditions of contract of CLIENT be binding on SELLER, even if mentioned or included in orders or in any other documents transmitted by CLIENT to SELLER. No conduct of SELLER shall be interpreted or used in order to express tacit acceptance of SELLER to the general conditions of contract of CLIENT.
- 1.4 In no case SELLER shall be bound by acts and/or conducts of its agents, being the latter in lack of any power to bind SELLER.
- 1.5 In case CLIENT is a consumer, the provisions of these General Conditions shall not prejudice the rights of CLIENT provided for by the law applicable to sales executed toward consumers.

**2) Products – Modifications**

- 2.1 Any representation and/or image relating to the Products included in websites, brochures, catalogues, price lists or other similar documents of SELLER is approximate and purely illustrative. Likewise, the samples and models are to be considered as only an indication of the Products characteristics in terms of weight, size, aesthetic and technical yield and characteristics and colour and are only an approximate and/or general indication and have no binding value for the SELLER except to the extent that they are expressly mentioned as such in the written acceptance of the offer by the SELLER and do not represent the final aesthetic result of the Products.
- Technical and physical characteristics of the Products as well as qualities of the same are described in the technical manuals of SELLER only. Any other document including technical and physical characteristics and qualities of the Products are purely indicative and shall not bind SELLER.
- 2.2 SELLER declares that the Products are compliant with the applicable Italian and European industry standards. Any Products shall be used and applied in accordance with the instructions of use of SELLER included in catalogues and/or technical manuals of SELLER with reference to the Products in question or with the instructions in other way communicated and/or made available by SELLER to CLIENT and, in any case, in accordance with the diligence required by the nature of the Products. Failing to do so, CLIENT will result in the lapse of the warranty and in the unenforceability of the warranty rights under article 7 below or of any other legal or agreed warranty.
- 2.3 It is the responsibility of CLIENT, before executing of the Sale Contract, to make sure that the Products are suitable for their specific purpose and/or intended use and, in addition, that they also comply with the laws and regulations applicable in the place where CLIENT will import, distribute, sell or use them in any way.
- 2.4 SELLER may make any changes to the Products which, without altering their essential features, it deems necessary or convenient, even after execution of the Sale Contract. In case SELLER executes substantial modification to Products (e.g. modifications that will alter: the way of installation, characteristic of interchangeability of the Products, etc.) which are the object of an executed Sale Contract (as defined in paragraph 3.2 below), SELLER shall communicate in writing such modification to CLIENT.
- 2.5 CLIENT shall inform the purchasers of the Products and third parties of the characteristics of the Products and of the instructions of use and of application of the same in accordance with the indication provided by SELLER. Without prejudice to the above, CLIENT shall be the sole responsible and liable for the declarations it will make toward third parties with reference to the Products, their characteristics and their use or application and shall indemnify and hold SELLER harmless and from any damage possibly suffered by SELLER with reference to or in connection to such declarations of CLIENT, in case they result false, incomplete or inaccurate.

**3) Quotations – Execution of Sale Contract – Tolerances**

- 3.1 Written or verbal quotations issued by SELLER are not to be taken as valid contractual proposals.
- 3.2 The sale contract ("Sale Contract") is executed as follows:
- a) an offer is sent by SELLER to CLIENT and CLIENT then sends its written acceptance of such offer to SELLER, without any modification to the offer itself; or
  - b) a purchase order is sent by CLIENT and SELLER then sends its written acceptance of such order to CLIENT.
- 3.3 For the purposes of paragraph 3.2 letter a) above, the following facts or actions shall constitute the written acceptance of an offer of SELLER by CLIENT:
- a) the receipt by SELLER of a letter of credit sent by CLIENT;
  - b) the receipt by SELLER of all or part of the relevant purchase price;
  - c) the receipt by SELLER of a purchase order of CLIENT. Should this be the case, any order of CLIENT that differs from the provisions of the offer of SELLER shall be binding on SELLER only if and to the extent that SELLER had expressly accepted it in writing.
- 3.4 In addition, for the purposes of paragraph 3.2 letter b) above, in case the acceptance of SELLER includes terms and condition different from those of the order of CLIENT, the Sale Contract shall be deemed to be concluded at the conditions included in the acceptance of SELLER, unless CLIENT notifies SELLER, in writing, not to accept the terms and conditions of the acceptance of SELLER within 1 (one) working day from the receipt of such acceptance.
- 3.5 All supplies of Products will only include what is expressly indicated in Sale Contract.
- 3.6 CLIENT recognizes to SELLER quantity and quality tolerances as resulting from the Sale Contract or from the usage and practices of the sector of the Products.

**4) Packing – Delivery term – Delivery time**

- 4.1 The Products will be packaged and readied to ship in compliance with the standard protection methods generally adopted by SELLER for the Products in question, in consideration of the agreed mode of transport.
- CLIENT shall expressly request to SELLER any special packaging or supplementary protection it deems necessary, and in such event CLIENT will bear all related costs thereof.
- 4.2 Unless otherwise provided for in the Sale Contract, the Products shall be delivered to CLIENT in accordance with the Incoterms® ICC rule, latest version, Ex-Works (EXW) – premises of SELLER indicated in the Sale Contract.
- CLIENT authorizes SELLER to undersign, in the name and on behalf of CLIENT, any and all transport documents which shall be signed at the time of collection of the Products at the premises of SELLER, such as the CMR.
- In the event that the ICC Incoterms® rule agreed between the parties provides that CLIENT shall take care of the transportation of the Products outside the territory of Italy:
- a) in case of an Intra-EU supply, within 45 (forty-five) days from the receipt of the Products at its premises, CLIENT shall send SELLER an original or a copy of the international transportation document CMR or of another transportation document, undersigned at destination by CLIENT or, in the absence of the international transportation document CMR, a declaration of receipt of the Products issued on the basis of the form as Annex -1- available for download at [www.panariagroup.it](http://www.panariagroup.it);
  - b) in case of an Extra-EU supply, CLIENT shall:
    - i) submit the custom export declaration (SAD-EX + EAD) and execute the validation of the MRN (Movement Reference Number) at the customs of the UE territory of exit of the Products, within 90 (ninety) days from the date of delivery of the same in Italy;
    - ii) send SELLER, within 90 (ninety) days from the date of delivery, documents proving the exportation of the Products (custom export declaration SAD-EX + EAD + certification of exit);
    - iii) notify SELLER, in writing, as soon as such submission is accomplished and provide SELLER with any other document proving the execution of such formalities as well as the exit of the Products from the UE Territory.
- In case CLIENT is in breach of its obligations under this paragraph 4.2, SELLER shall be entitled to immediately charge CLIENT the amount of the Value Added Tax applicable to the supply and connected to the lack of proof of the transportation of the Products in a another Member State of the EU or to the lack of execution of custom clearance formalities. In any case, CLIENT shall indemnify and hold SELLER harmless with reference to any payment due to tax offices for fines, interests or on any other basis, in connection with the supply and with the lack of the proof of the transportation of the Products in a another Member State of the EU or with the lack of execution of custom clearance formalities.
- In this respect, SELLER shall be entitled to: (i) offset any amount due by CLIENT on the basis of this paragraph 4.2 against any amount due, for whatever reason, from SELLER to CLIENT; or (ii) definitively withhold any amount received in regard to Sale Contracts, offsetting the CLIENT's debt under this paragraph 4.2 against any and all sums already paid by CLIENT.
- 4.3 SELLER shall deliver the Products within the delivery date provided for in the Sale Contract, in a single delivery or in partial deliveries. The delivery date shall always be considered neither of the essence nor preperatory.
- Except in case of wilful wrongdoing or gross negligence, SELLER will not reimburse possible damages, either direct or indirect, suffered by CLIENT as a result of delay in the delivery of the Products.
- In no case of delay in the delivery of the Products shall CLIENT be entitled to terminate the Sale Contract.
- 4.4 Upon receipt of the Products, CLIENT must report possible damages occurred to the packaging and/or shortages or anomalies of the Products occurred during the transport, by notifying details of such events on the transportation document, and must also:
- a) have such notification countersigned by the carrier; and
  - b) immediately inform SELLER thereof, in writing, and send SELLER a copy of the countersigned document by and no later than 8 (eight) day(s) from the date of receipt of the Products.
- Should this not be the case, SELLER shall not be responsible for possible damages losses or theft of the Products occurred during the transport, even if transport risks were, in whole or in part, upon SELLER.

**5) Prices – Payment – Late Payment**

- 5.1 The Products shall be supplied at the prices agreed between the parties in the Sale Contract or, should no prices be mentioned in the Sale Contract, at the prices resulting from the price list of SELLER in force when the Sale Contract has been executed. Unless otherwise stated in writing, the prices of the Products included in SELLER's price lists, quotations and/or offers are in Euro, net of VAT and for delivery according to the Incoterms® ICC rule, latest version, Ex-Works (EXW) – premises of SELLER indicated in the Sale Contract. Therefore, should a different Incoterms® rule be agreed upon between the parties for the delivery of the Products, the invoiced amount shall be modified accordingly, including in the sale invoice transportation expenses and any other costs connected with the Incoterms® rule agreed between for delivery.
- 5.2 CLIENT shall pay for the Products in accordance with the payments methods and terms provided for in the Sale Contract or otherwise agreed upon in writing between the parties. No payment shall be considered as being made by CLIENT until the relative amount has been credited to the bank account of SELLER.
- Payment shall be executed by CLIENT in Euro or in the currency of the place where CLIENT has its registered office, at SELLER's discretion, in accordance with the currency indicated by SELLER in the related sale invoice.
- 5.3 If CLIENT is delinquent in its payment obligation, SELLER may:
- a) obtain payment of late payment interest in accordance with the applicable law; and
  - b) withhold ongoing and future deliveries, upon written notice to CLIENT, until all delinquent amounts and late payment interest are fully paid.



5.4 If delinquent amounts and late payment interest remain unpaid 30 (thirty) days after the agreed deadline for payment, then SELLER may also, at its option, alternatively or cumulatively, and in addition to any other right or remedy available at law or pursuant to these General Conditions:

- a) request accelerated payment of any and all remaining payments and declare due the total outstanding balance, even if payment by instalment or deferred payment has been agreed upon and/or bills of exchange, promissory notes, cheques or other payment documents have been issued and are falling due;
- b) terminate the Sale Contract in question and definitively withhold any amount received in regard to such Sale Contract or to other Sale Contracts, offsetting the CLIENT's outstanding debt against any and all sums already paid by CLIENT;
- c) carry out future deliveries of Products on a pre-payment basis only, also with reference to supplies still to be executed;
- d) cancel discounts and bonuses that may have been agreed between the parties also with reference to Sale Contracts already regularly executed.

5.5 SELLER shall be entitled to exercise the rights mentioned in paragraphs 5.3 and 5.4 above also in case:

- a) CLIENT is undergoing winding-up, bankruptcy, debt restructuring or enforcement proceedings;
- b) the insurance company of SELLER refuses insurance coverage for SELLER's credits toward CLIENT;
- c) CLIENT is undergoing financial difficulties able to hinder the regular execution of its payment obligations resulting from, by way of example only, missed payment of bills of exchange, promissory notes, cheques or other payment documents, reduction of granted guarantees and/or missed granting of promised guarantees, as well as from any amount resulting unpaid, even though such circumstances have occurred with other suppliers of CLIENT.

5.6 CLIENT cannot claim any breach of contract by SELLER, nor can CLIENT start any lawsuit or action against SELLER, until any amount resulting due to SELLER under paragraphs 5.3 and 5.4 above has been paid in full by CLIENT.

#### **6) Retention of Title**

6.1 SELLER will maintain exclusive ownership over the Products sold until their price has been entirely paid by CLIENT.

Without prejudice to the above the risks of loss of the Products shall be regulated by the Incoterms® rule agreed between the parties for the delivery of the Products.

6.2 In case of non-fulfilment or late fulfilment of the obligation to pay the price of the Products, without prejudice to the rights under paragraphs 5.4, 5.5 and 5.6, SELLER shall be entitled to enter the premises where the Products are held, re-possess the Products and withhold, as liquidated damages, any amount already paid by CLIENT with reference to such Products.

#### **7) Warranty**

7.1 Without prejudice to the provisions of paragraphs 2.1, 2.2, 2.4 and 3.6 with reference to the modifications to the Products and tolerances, SELLER warrants that the Products will conform to the Sale Contract, to the classification indicated in the technical manuals, catalogues and/or price lists of SELLER and that they will be free from manufacturing defects. The warranty period is 12 (twelve) months from the date of collection of the Products from the premises of SELLER, regardless of the agreed Incoterms® rule for delivery.

7.2 The following are expressly excluded from warranty:

- a) chromatic alterations and tone differences of the Products;
- b) the Products identified in the Sale Contract as Products of quality lower than first-quality Products or as close-out sale Products or as special batches;
- c) the Products applied and/or set up not in compliance with the industry standards applicable to the same;
- d) the Products used or applied on surfaces and/or in spaces or environments different from those indicated by SELLER;
- e) the Products used not in compliance with the instructions and/or indications provided by SELLER included in the catalogues and price lists of SELLER or in other way communicated to CLIENT by SELLER, included the instructions under paragraph 2.2;
- f) the Products used not in compliance to the standard diligence and/or to the technics required by the nature of the Products;
- g) frost resistance of the Products, unless such characteristic of the Products has been declared by SELLER in the technical manual of the Products;
- h) characteristics of the Products as resulting from the classification of the pottery (i) executed by control and/or certification authorities other than authorities of the European Union Member States, and/or (ii) executed on the basis of criteria other than those used by SELLER.

7.3 Without prejudice to the provisions of paragraph 4.4 above, CLIENT shall inspect the Products as soon as possible and shall notify SELLER in writing of possible non-conformities or defects, by fax or email, within and no later than the following terms; failing to do so will result in the lapse of the warranty and the unenforceability of the warranty rights:

- a) differences in type or quantity with respect to type or quantity agreed as well as other patent non-conformities or defects of the Products: 8 (eight) days from the delivery of the Products at the premises of CLIENT and, in any case, before application of the Products;
- b) hidden non-conformities or defects of the Products: 8 (eight) days from the discovery of the same and, for avoidance of doubt, within the warranty period.

7.4 SELLER will have the right to examine the Products, or samples of the Products, which CLIENT claims to be non-conforming or defective, in order to verify the instructions relating to the set up and/or application of the Products and/or the use of the Products in accordance with the provisions of these General Conditions. In this respect, CLIENT shall be entitled to return to SELLER the Products that CLIENT considers to be non-conforming or defective only upon SELLER's written authorization and only on the condition that CLIENT bears all costs and risks for the shipment of the Products. The authorization to return the Products or samples of the purportedly non-conforming or defective Products shall never be interpreted as an acknowledgment of the claimed non-conformities or defects on the part of SELLER.

7.5 In case the Products are ascertained by SELLER as actually non-conforming or defective, CLIENT will be entitled only to obtain, at the SELLER's option:

- a) replacement of the non-conforming or defective Products; or
- b) partial or full exemption from payment of their price, depending on the seriousness of the non-conformities or of the defects.

7.6 For the purpose of paragraph 7.5 letter (a), the Products to be delivered in replacement of non-conforming or defective Products shall be delivered to CLIENT in accordance with the Incoterms® 2010 ICC rule DDP - premises of CLIENT. The Products that have been replaced shall be, at SELLER's discretion, destroyed or disposed of by CLIENT, at its own costs, or returned to SELLER, at costs of SELLER. In case the Products are to be destroyed or disposed of by CLIENT, CLIENT undertakes to send to SELLER the proof of destruction or of disposal of the Products, along with the documents proving the costs borne by CLIENT for the destruction or the disposal of the same.

7.7 The rights and remedies described in paragraphs 7.5 and 7.6 above are the sole warranty rights and remedies granted to CLIENT. To the maximum extent permitted by the applicable law, any other liability and obligation of SELLER, which may in any way arise from or in relation to the supply of non-conforming or defective Products - including, but not limited to, compensation for direct or indirect or consequential damages, loss of profits, etc. connected to such liability - is expressly excluded.

7.8 The present warranty is in substitution for, and excludes, any other warranty, express or implied, set forth by the law or otherwise.

#### **8) Force Majeure**

8.1 SELLER shall not be liable or responsible for failure or delay in performing or fulfilling any obligations undertaken in reference to the supply of Products when such failure or delay is due to the occurrence of an event of force majeure such as wars, fires, earthquakes, floods, tsunamis, strikes, labor or employment difficulties, shortage or procurement difficulties of raw materials, restriction on the use of power, suspension or difficulties in the transports, breakdown of the plants, acts of public authorities or any other event or cause whatsoever, similar or dissimilar, which cannot reasonably be forecast or provided against and which cannot be overcome by SELLER with reasonable diligence.

8.2 In such event, the time for fulfilment of the obligation shall be extended for the period of continuance of such force majeure event.

In the event any of such force majeure event continue for a period longer than 6 (six) months, CLIENT shall have the right to terminate the underlying Sale Contract, by giving written notice to SELLER by registered letter with return receipt or courier, and SELLER shall not incur any responsibility or liability whatsoever.

#### **9) Severability**

The invalidity or unenforceability of any provision, or portion thereof, of this General Conditions shall not affect the validity or enforceability of any other provision.

#### **10) Confidentiality**

10.1 CLIENT undertakes: (i) to treat with the utmost confidentiality all the information/data/designs/know-how/documentation transmitted by SELLER or that it may come to know in connection with the execution of any Sale Contract, even if they is not marked or identified as secret or confidential ("Confidential Information"); (ii) not to, wholly or partially, disclose to or inform third parties of the Confidential Information, without the SELLER's prior written consent; (iii) to limit the use of the Confidential Information and the access to the same for purposes relating to the execution of the sale Contracts; (iv) to adopt any and all measures required in order for its employees and collaborators do not disclose the Confidential Information to third parties or use it in an inappropriate way.

The Confidential Information shall not be copied or reproduced in any way, unless with the prior written consent of SELLER, and all the copies of the Confidential Information shall be immediately returned to SELLER upon simple written request of the same.

10.2 The provisions above shall not apply to information which (i) are public or publicly available not due to a disclosure of CLIENT or of CLIENT's employees or collaborators; or (ii) were already available to CLIENT before it had received them by SELLER; or (iii) are disclosed from third parties that have no obligation of confidentiality or restrictions of use on the same; (iv) can be disclosed according to a written authorization of SELLER.

#### **11) Applicable Law - Dispute Resolution**

11.1 These General Conditions and all the Sale Contracts that will occur on the basis on the same will be governed by the United Nations Convention on Contracts for the International Sale of Goods (Vienna Convention of 1980) and, with respect to matters not covered by such Convention, by Italian laws.

11.2 Any dispute arising out of or in connection with these General Conditions or in connection with a Sale Contract occurred on the basis on the same shall be settled in accordance with the following provisions:

- a) In case CLIENT has its registered office within the European Union, in Switzerland, in Norway or in Iceland, the dispute shall be subjected to the jurisdiction of the Italian courts and shall be exclusively referred for its resolution to the Court of Modena (Italy).
- b) In any other case, the dispute shall be exclusively referred to and finally resolved by arbitration, by a sole arbitrator, in accordance with the Rules of the Milan Chamber of Arbitration (the Rules).

The seat of arbitration shall be, and the award shall be delivered in, Milan (Italy).

The language to be used in the arbitral proceedings shall be English.

11.3 Irrespective of the provisions above, it is hereby granted exclusively to SELLER the right to initiate legal proceedings under the jurisdiction of CLIENT before the competent court.

#### **12) Language of these General Conditions**

12.1 The text of these General Conditions is executed in both in Italian and in English language. In case of any discrepancy, the text in Italian shall prevail over the text in English language

È il PRIMO sistema di posa a secco senza colla CERTIFICATO con SLIMTECH, le lastre ceramiche sottili di qualità superiore.

In soli 7 mm di spessore permette la realizzazione di un nuovo pavimento in gres porcellanato ultrasensibile idoneo per ambienti interni con destinazione RESIDENZIALE o COMMERCIALE LEGGERO. Può essere applicato in sovrapposizione e dunque consente di rinnovare senza demolire.

SLIMTECH EASY è unico, perchè utilizza un prodotto dalle prestazioni straordinarie: le lastre in gres porcellanato laminato Slimtech, così come escono dagli stabilimenti. Dunque senza lavorazioni successive e con tutta la garanzia di un processo produttivo di qualità testato da Lea Ceramiche in oltre 15 anni di esperienza e con milioni di metri quadrati venduti nel mondo.

It is the first dry laying installation system without the use of adhesives CERTIFIED with SLIMTECH, superior quality ultra-thin ceramic slabs.

With a thickness of only 7 mm, this system is used for the installation of a new kind of highly durable porcelain stoneware flooring that is perfect for interior RESIDENTIAL or LIGHT COMMERCIAL use. It is possible to renovate without demolishing as it can be laid on pre-existing floors.

SLIMTECH EASY is unique, because it uses a high-performance product: laminated porcelain stoneware Slimtech slabs, exactly as they are when they exit the production line. This means no subsequent processing and the guarantee of a quality manufacturing process tested by Lea Ceramiche in over 15 years of experience and with millions of square meters sold worldwide.

SLIMTECH EASY, est le PREMIER système de pose à sec sans colle CERTIFIÉ pour SLIMTECH, les dalles en grès cérame fin de qualité supérieure.

Avec seulement 7 mm d'épaisseur, le système permet la réalisation d'un nouveau sol en grès cérame, parfait pour les espaces intérieurs RÉSIDENTIELS et COMMERCIAUX soumis à un trafic peu intense. Conçu pour être posé sur un sol préexistant et donc permet de rénover sans devoir démolir.

SLIMTECH EASY est un système unique qui se base sur un produit aux performances extraordinaires : les dalles en grès cérame laminé Slimtech, directement sorties de leur usine de fabrication. Elles n'ont donc subi aucune transformation et présentent la garantie d'un processus de production de qualité, éprouvé par Lea Ceramiche en plus de 15 ans d'expérience et avec des millions de mètres carrés vendus dans le monde.

Das ERSTE ZERTIFIZIERTE Trockenbau-Bodenverlegungssystem ohne Kleber mit SLIMTECH, den besonders hochwertigen, dünnen Keramikplatten.

Mit nur 7 mm Stärke erlaubt es die Verlegung eines neuen Bodenbelags aus hochbeständigem Feinsteinzeug für Innenräume im WOHNUNGS- oder im LEICHTEN GEWERBEBAU. Kann auf der vorhandenen Struktur angebracht werden und ermöglicht daher eine Renovierung ohne Abbrucharbeiten.

SLIMTECH EASY ist einzigartig, denn es umfasst ein außerordentlich leistungsstarkes Produkt: Slimtech, die Platten aus laminiertem Feinsteinzeug. So, wie sie aus der Produktion kommen. Ohne weitere Bearbeitungen also, und mit der Garantie eines ausgereiften Produktionsverfahrens, das Lea Ceramiche in mehr als 15-jähriger Erfahrung mit Millionen in aller Welt verkauften Quadratmetern auf die Probe gestellt hat.

## SILENT

### SOUNDPROOFING MAT



### Stendere il materassino di fondo

Una volta verificata la pulizia e la planarità del sottofondo si procede alla stesura su tutta la superficie da pavimentare del materassino fonoassorbente SILENT.

### Unroll and extend the base mat

After verifying that the subfloor is clean and level, proceed with laying the SILENT soundproofing mat on the entire floor area.

### Pose de la sous-couche de fond

Vérifier la propreté et la planéité du support, puis étendre la sous-couche acoustique SILENT sur toute la surface à dallier.

### Bodenmatte auslegen

Boden auf Sauberkeit und Ebenheit prüfen und anschließend die schallschluckende Matte SILENT über die gesamte Bodenfläche auslegen.

## SLIMTECH 5plus



### Posare le lastre di Slimtech

Quindi posare direttamente e senza uso di collanti le lastre di SLIMTECH scelte tra i colori e le versioni 5plus. Usare crocette distanziatrici da 2 mm per le fughe.

### Lay the Slimtech slabs

Then lay the Slimtech slabs, chosen among the colours available in the 5plus versions, directly on the mat without the use of adhesives. Use 2mm spacers to maintain the space between the slabs constant.

### Pose des dalles Slimtech

Poser ensuite directement et sans utiliser de colle les dalles Slimtech, préalablement sélectionnées parmi les couleurs proposées en versions 5plus. Utiliser de croisillons pour joints de 2 mm est recommandé.

### Slimtech-Platten verlegen

Nun direkt und ohne Kleber die SLIMTECH-Platten in den gewünschten Farben und Ausführungen (5plus) verlegen. Für die Fugen sind 2 mm große Fugenkreuze zu verwenden.

## FILLER

### FINISHING SEALANT



### Sigillare le fughe

Dopo aver rivestito il pavimento con SLIMTECH è necessario sigillare le fughe tra le lastre con la speciale finitura FILLER. Una volta asciutta questa sigillatura garantirà una perfetta superficie calpestabile e assolutamente impermeabile.

### Seal the grout lines

After having laid SLIMTECH on the floor, it is necessary to seal the spaces between the slabs with FILLER. Once dry, this sealant guarantees a perfect walkable and waterproof surface.

### Jointoiment

Après avoir recouvert le sol avec les dalles SLIMTECH, combler les joints entre celles-ci à l'aide de FILLER. Une fois sec, ce jointoiment garantira une surface habitable parfaitement étanche.

### Versiegeln der Fugen

Nach dem Belegen des Bodens mit SLIMTECH müssen die Fugen zwischen den Platten mit FILLER versiegelt werden. Einmal ausgetrocknet, garantiert diese Versiegelung einen perfekt begehbaren und absolut wasserdichten Belag.

# LEA

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