

2013

Collections 2013

Bellissimo
STILE ITALIANO

www.bellissimo.asia

General catalogue

General catalogue

COTTODESTE
Nuove Superfici

LEA
CERAMICHE

Panaria
CERAMICA

Bellissimo
STILE ITALIANO

Collections 2013

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A leading maker of **deluxe** ceramics

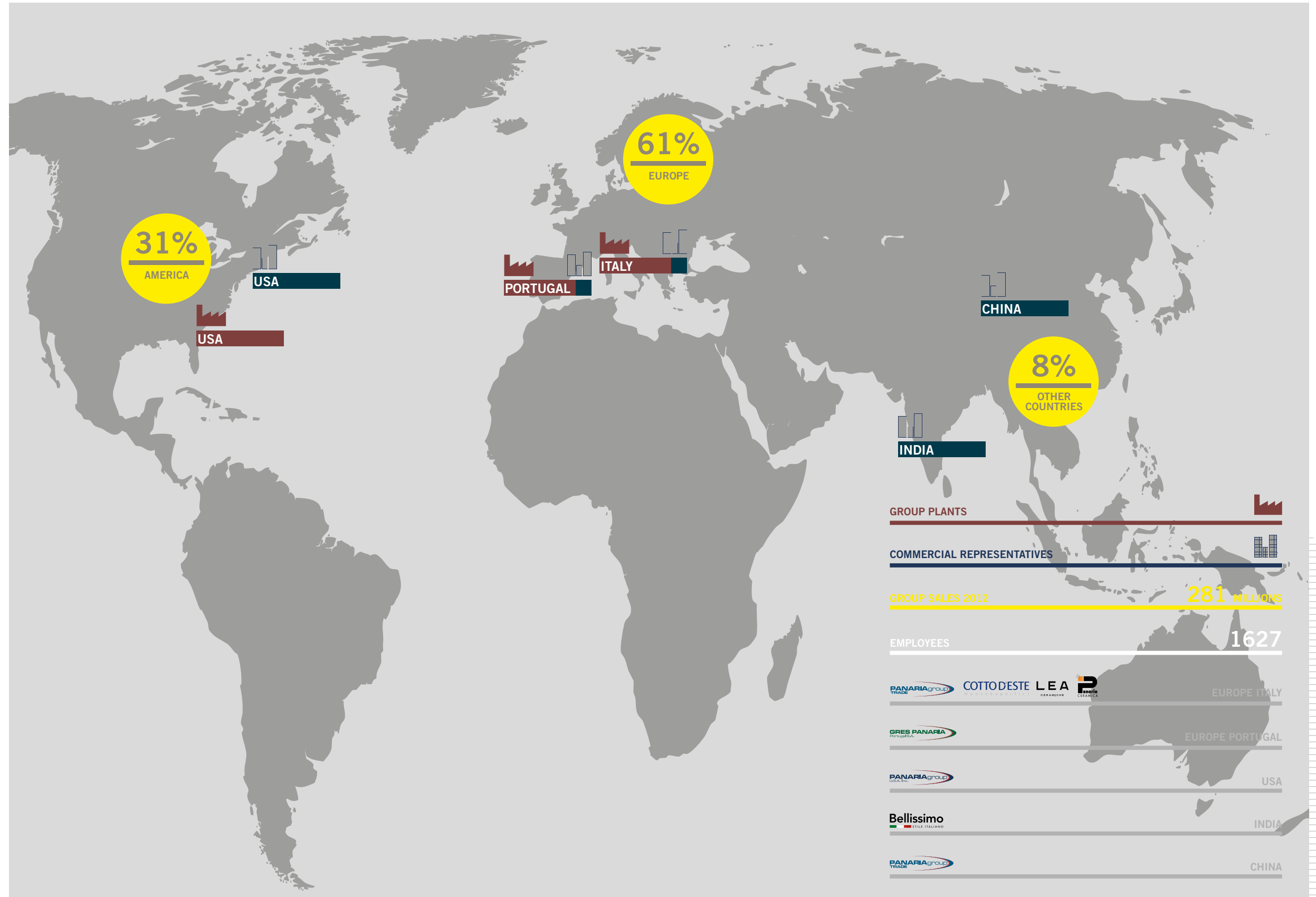
The strength and international breath of Panariagroup.

Panariagroup is one of the leading manufacturers of ceramic tiles for floors and wall cladding in the world. The group has production sites in Italy, Portugal, USA and has a presence in over **one hundred countries** thanks to a broad, established and widespread sales network. Specialised in the production of porcelain stoneware tiles, the company is positioned in the **ultra-luxury market segment** targeting a differentiated and discerning customer-base looking for top quality aesthetics and technology.

⊕ Highlights

Panariagroup has a presence in over 100 countries in the world

The group positions itself in the high-luxury market segment



Panariagroup in the **world**



+ Nuovo Teatro dell'Opera

FLORENCE (ITALY) - Design ABDR Architetti Associati

COTTODESTE
Nuove Superfici



+ Tiburtina high-speed railway station

ROME (ITALY) - Design ABDR Architetti Associati

COTTODESTE
Nuove Superfici



+ Paramount Bay

MIAMI (USA) - Design Kravitz Design

LEA
CERAMICHE



+ Union Square 999

WASHINGTON DC (USA) - Design Leo A Daly

LEA
CERAMICHE



+ Ermenegildo Zegna Head Office

MILAN (ITALY) - Design Antonio Citterio and Partners

COTTODESTE
Nuove Superfici



+ Protoshop Lamborghini

BOLOGNE (ITALY) - Design Archilinea

LEA
CERAMICHE



+ Changi International Airport

SINGAPORE - Design Schmitz Corporation

LEA
CERAMICHE



+ Hotel Falzeben

MERANO (ITALY) - Design Alber Markus

LEA
CERAMICHE

Italian style **meets** India



A partnership is born

Asian Granito is one of the most important ceramic tile companies in the Indian market. A company that has always strived towards excellence with its five production sites, and has established itself as a trend setter for the market sector in India.

Panariagroup, one of the worldwide leaders in the manufacturing of ceramic tiles and an advocate of Made in Italy across the globe, identified Asian Granito as the ideal partner to create a joint venture based on a shared vision of quality and style, synonymous with all-round excellence.

Bellissimo came into fruition following a meeting between **Panariagroup**, one of the leading porcelain stoneware floors and cladding producers in Italy and **Asian Granito**, who are at the cutting edge of the Indian market. The mission of Bellissimo is to produce luxury ceramic tiles, the result of merger between Italian style, technology and know-how and the architectural needs of the Indian building industry.

With Bellissimo, the vision of a meeting between Italian experience, elegance and technology and the most evolved Indian values, becomes reality, a strong and ambitious project bound to be a benchmark brand in the market.

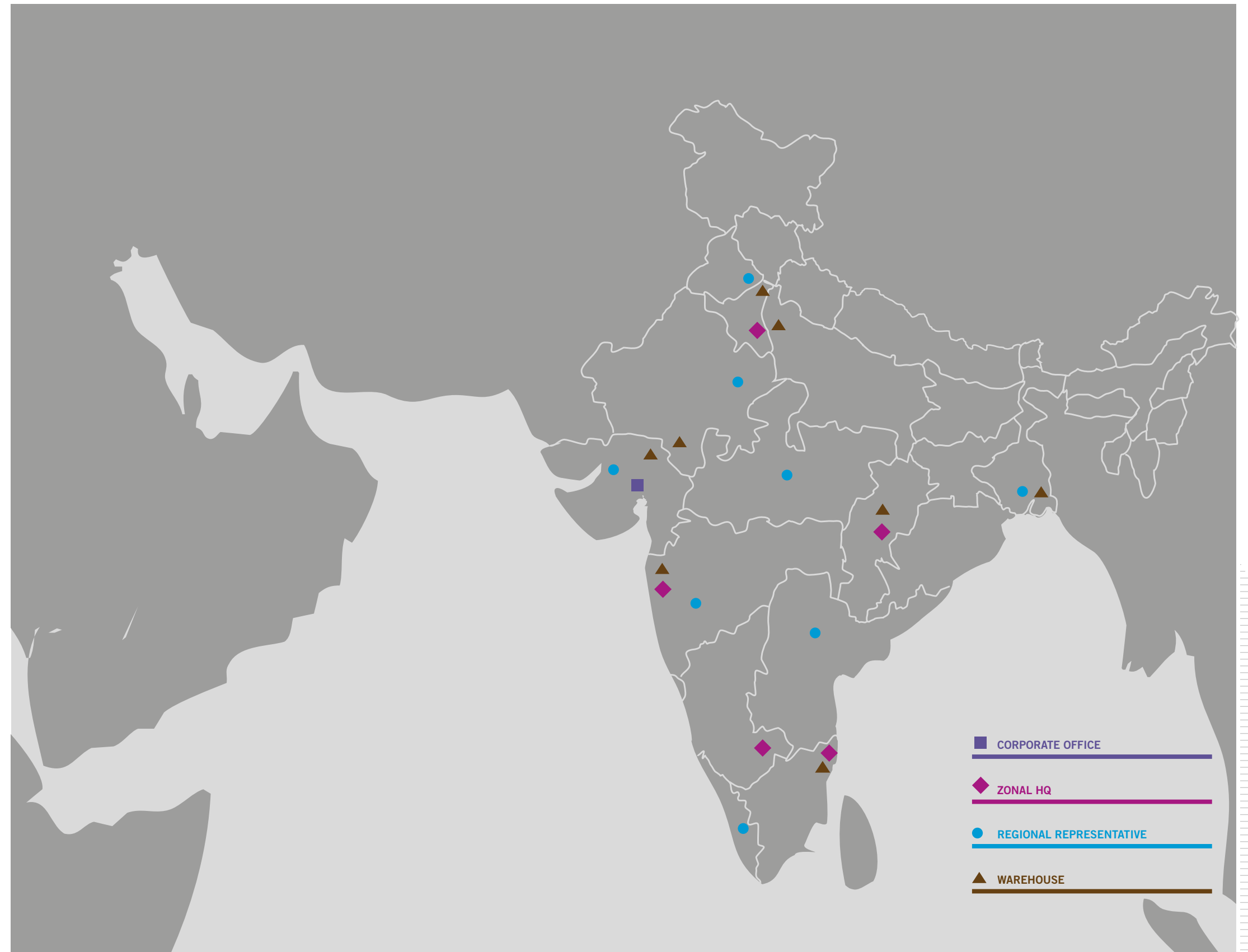
⊕ Highlights

Panariagroup is a leading manufacturer of ceramic tiles

Panariagroup and Asian Granito: a vision of quality and excellence

Bellissimo is the meeting between Panariagroup and Asian Granito

The mission is a merger of Italian style and the needs of Indian architecture



Bellissimo: our **values**



+ **Elegance**

The charm of Italian style: an aesthetic culture that has imposed its taste across the world, enhancing the most prestigious of living spaces.



+ **Technology**

Evolution, performance and know-how co-exist and share a perfect balance that represents the maximum of "Italian-ness" in the world.



+ **Innovation**

Ongoing research into materials, to constantly improve our aesthetic, technical and quality standards.



+ **Italian style, indian feeling**

Renowned Italian reputation and style meets the needs of Indian living. Unique collections to enrich the most sought-after architecture projects and residential venues.

The **technology** know-how

Avant-garde machinery and constant innovation for unrivalled quality standards.

Panariagroup has always set itself apart thanks to its focus on research and innovation. The numerous production sites of the group are equipped with cutting edge machinery and production tools and the company also has an in-house research centre able to develop avant-garde application and aesthetic solutions, which help the company maintain its position as one of the industry leaders across the world.

+ **Highlights**

In-house research centre equipped with advanced technology

Innovation means evolution and ability to improve products quality



Always **active** antibacterial

Microban® antibacterial technology

Microban® and Panariagroup have teamed up to provide antibacterial protection for ceramic tiles. Panariagroup ceramic tiles are well known for their beauty, durability and performance; the addition of Microban® built-in technology featuring silver provides a continuous level of protection from the growth of common bacteria.

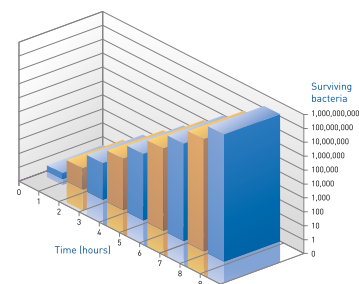


Why Microban® protection?

How clean are your tiles?

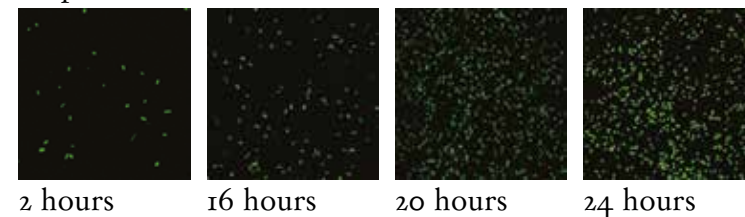
Bacteria and other micro-organisms are a fact of life. They are everywhere, all around us, all the time. However hard we try, there's no getting away from them. Some are good for us, others are neutral, but a few are dangerous. So it makes sense to do what we can to prevent their potentially harmful and undesirable effects.

Under right conditions of warmth, a food source, time and a little humidity, bacteria can grow and divide extremely rapidly, and bacterial populations can double as quickly as every 20 minutes. In addition, bacteria can persist on surfaces for a long time on inert surfaces. On average, there may be more bacteria on your hand than people on Earth.

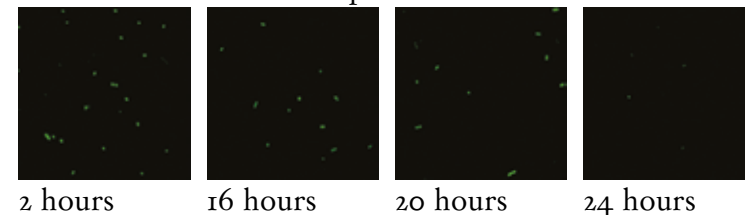


The accompanying table and graphic illustrate the proliferation results over a 10-hour period

Unprotected



Microban® antibacterial protection



protection

Advantage of Microban

On the tile surface, the Microban® antibacterial technology is effective in reducing bacterial growth up to 99.9%. Efficacy evaluation is carried out by independent laboratories using the International Standard ISO 22196.

The Microban® antibacterial additive is:

- ⊕ Permanently Integrated in the tile surface during the firing process at 1200°C, lasting for the lifetime of the product. It is not a surface treatment applied after firing and does not need to be re-applied due to the fact that the additive is a permanent part of the tile structure.
- ⊕ Uniformly applied in the surface, and is therefore active also in difficult-to-reach flooring areas.
- ⊕ A continuous protection, 24 h a day, day and night, with and without sunlight, no need of UV lamp activation to display antibacterial efficacy (unlike other technologies).
- ⊕ Able to be applied to tiles of any colour. It does not whiten the tile surface where it is applied (unlike other technologies).



Main applications and uses

Traditional porcelain and the laminated porcelain with Microban® antibacterial protection provide key benefits in all areas that require high performances in hygiene, cleanliness and easy of maintenance. All this with combined with high aesthetical requisites, a wide range of colors, formats and finishes (natural and honed), provides an amazing tool in the hands of architects and designers looking to develop an exceptional range of environments, such as:

- ⊕ Restaurants, canteens, kitchen worktops - improving hygiene in food contact environments;
- ⊕ Healthcare environments, Medical practices - where patients have a temporarily reduced immunity system and are more vulnerable to infection;
- ⊕ Retirement homes - where guests have a permanently lowered immunity system;
- ⊕ Wellness centres, spas, gyms - improved hygiene is a valued benefit;
- ⊕ Shopping malls, airports, schools, colleges, nursery schools, pharmacy, and all such public and private space buildings can benefit from enhanced hygiene measures;
- ⊕ Bathrooms and kitchens which are environments where the proliferation of bacteria is prevalent due to the presence of water and nutrients.

The **best** of Italy, the **best** of India

COTTO D'ESTE
Nuove Superfici

Cotto d'Este is the trademark that best represents the group's dedication to top quality and deluxe products. by virtue of the carefully crafted details and finishes and the high aesthetic and technical quality. The success both in Italy and abroad has been considerable, as demonstrated by prestigious references all over the world.

LEA
CERAMICHE

Lea is the trademark offering a trendy product range, with an international flair, characterised by top level design, ideal for modern environments. The trademark boasts the co-operation of internationally known architects, such as Zaha Hadid, Patrick Norguet and Diego Grandi; a prestigious showroom in Milan, the capital city of design, has been recently opened in Via Durini.



The Panaria trademark is the expression of the great tradition of the group when it comes to “making ceramics”. Its extensive and articulated range of products combines the ancient art of ceramics with the latest trends. Today, apart from playing a leading role in the domestic market, the company is winning great appreciation on an international level.

Bellissimo
STILE ITALIANO

Bellissimo sets out to be the point of reference for planners, interior designers, architects and end users who are looking for products able to combine the highest technical standards and the refinement of Italian ceramics, that, for centuries, have been the symbol of unique excellence throughout the world.

Arenaria



LEA
CERAMICHE

Sku's :4 / Colors: 2
Format: 60x60 / 60x120 cm

Basaltina Stone Project



LEA
CERAMICHE

Sku's :6 / Colors: 3
Format: 60x60 / 60x120 cm

Bioessenze



LEA
CERAMICHE

Sku's :4 / Colors: 4
Format: 20x120 / 15x120
9x90 cm

Bioplank



LEA
CERAMICHE

Sku's :5 / Colors: 5
Format: 20x120 cm

Buxy



COTTO D'ESTE
Nuove Superfici

Sku's :10 / Colors: 5
Format: 89,5x89,5 / 59,4x119 cm

Discover



P
Panaria
CERAMICA

Sku's :6 / Colors: 3
Format: 60x60 / 60x120 cm

Dreaming



LEA
CERAMICHE

Sku's :3 / Colors: 3
Format: 75x75 cm

Elegance



COTTODESTE
NOUVEAU DÉPART

Sku's :3 / Colors: 3
Format: 59,4x119 cm

Naturalis



Bellissimo
STILE ITALIANO

Sku's :6 / Colors: 3
Format: 60,5x60,5 / 60x120 cm

Noble Marble



Bellissimo
STILE ITALIANO

Sku's :6 / Colors: 3
Format: 60,5x60,5 / 60x120 cm

Metropolis



LEA
CERAMICHE

Sku's :4 / Colors: 4
Format: 90x90 cm

Salento



LEA
CERAMICHE

Sku's :4 / Colors: 2
Format: 75x75 / 37,5x75 cm

Rapolano



Bellissimo
STILE ITALIANO

Sku's :6 / Colors: 2
Format: 45x90 / 60,5x60,5
60x120 cm

Rich Marble



Bellissimo
STILE ITALIANO

Sku's :12 / Colors: 3
Format: 30x30 / 30x60
60,5x60,5 / 30x90 cm

Fusion



Bellissimo
STILE ITALIANO

Sku's :9 / Colors: 3
Format: 30x90 / 60,5x60,5
60x120 cm

Mineralis



Bellissimo
STILE ITALIANO

Sku's :3 / Colors: 3
Format: 60,5x60,5 cm

Shade Marble



Bellissimo
STILE ITALIANO

Sku's :8 / Colors: 2
Format: 30x30 / 30x60
60,5x60,5 / 45x90 cm

Stripe Marble



Bellissimo
STILE ITALIANO

Sku's :16 / Colors: 4
Format: 30x30 / 30x90
60,5x60,5 / 60x120 cm

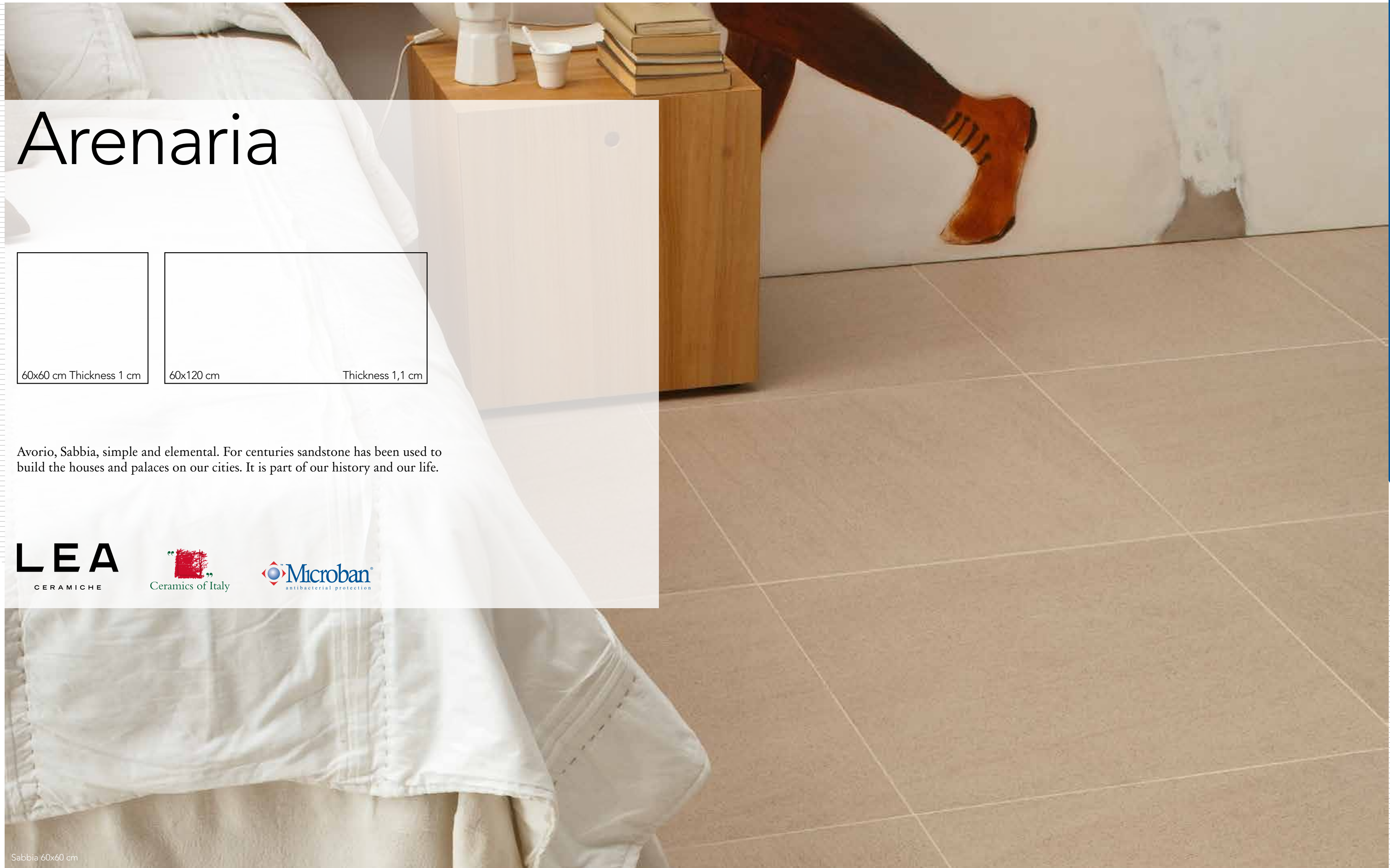
COTTO D'ESTE
Nuove Superfici

LEA
CERAMICHE

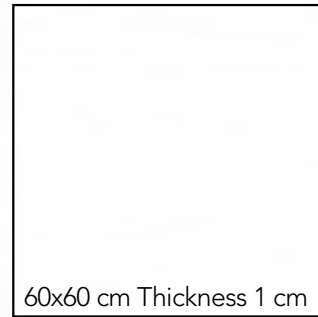

anaria
CERAMICA

Made in **I**taly

Collections



Arenaria



60x60 cm Thickness 1 cm



60x120 cm

Thickness 1,1 cm

Avorio, Sabbia, simple and elemental. For centuries sandstone has been used to build the houses and palaces on our cities. It is part of our history and our life.



Sabbia 60x60 cm



Sabbia 60x60 cm



Sabbia 60x60 cm

Arenaria

60x60 cm
60x120 cm



SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,04 %	≥ 3000 N (1,1 cm) ≥ 2500 N (1 cm)	≤ 145 mm ³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Avorio



60x60 cm rect.
± 1 cm



60x120 cm rect.
± 1,1 cm

Sabbia



60x60 cm rect.
± 1 cm



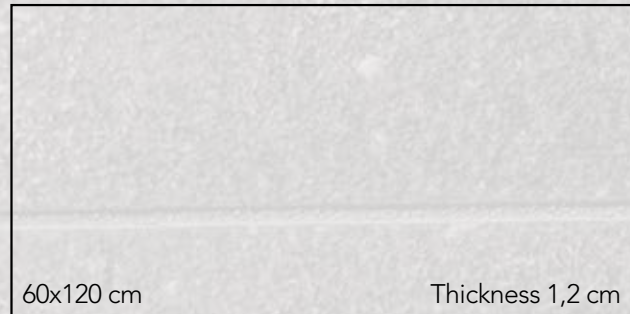
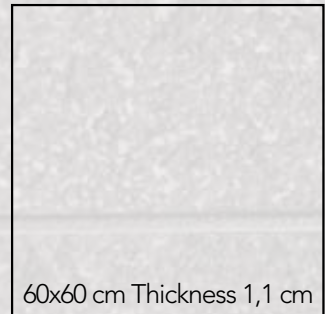
60x120 cm rect.
± 1,1 cm

Minimum suggested joint for indoor fixing 2 mm



Avorio 60x60 cm

Basaltina Stone Project



The hard, intrinsic power of stone.

The power of earth crystallizes in lava stone. Basalt rock, made of heat, ashes, gas and energies thousands of years old. Its natural grey comes back to life again in ceramics, taking on new tones and variations. It fills spaces with subtle style, as every vein holds a story within.

LEA
CERAMICHE

“Ceramics of Italy”





Basaltina Stone Project

60x60 cm
60x120 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	≤ 0,04 %	≥ 3600 N (1,2 cm) ≥ 3000 N (1,1 cm)	≤ 145 mm ³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)
				(Not Lappata)				

Naturale

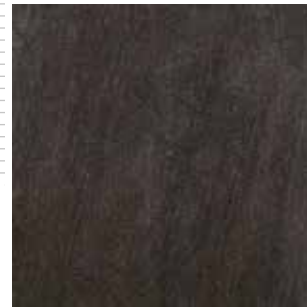


60x60 cm rect.
⚡ 1,1 cm



60x120 cm rect.
⚡ 1,2 cm

Lappata



60x60 cm rect.
⚡ 1,1 cm



60x120 cm rect.
⚡ 1,2 cm

Sabbiata Velvet

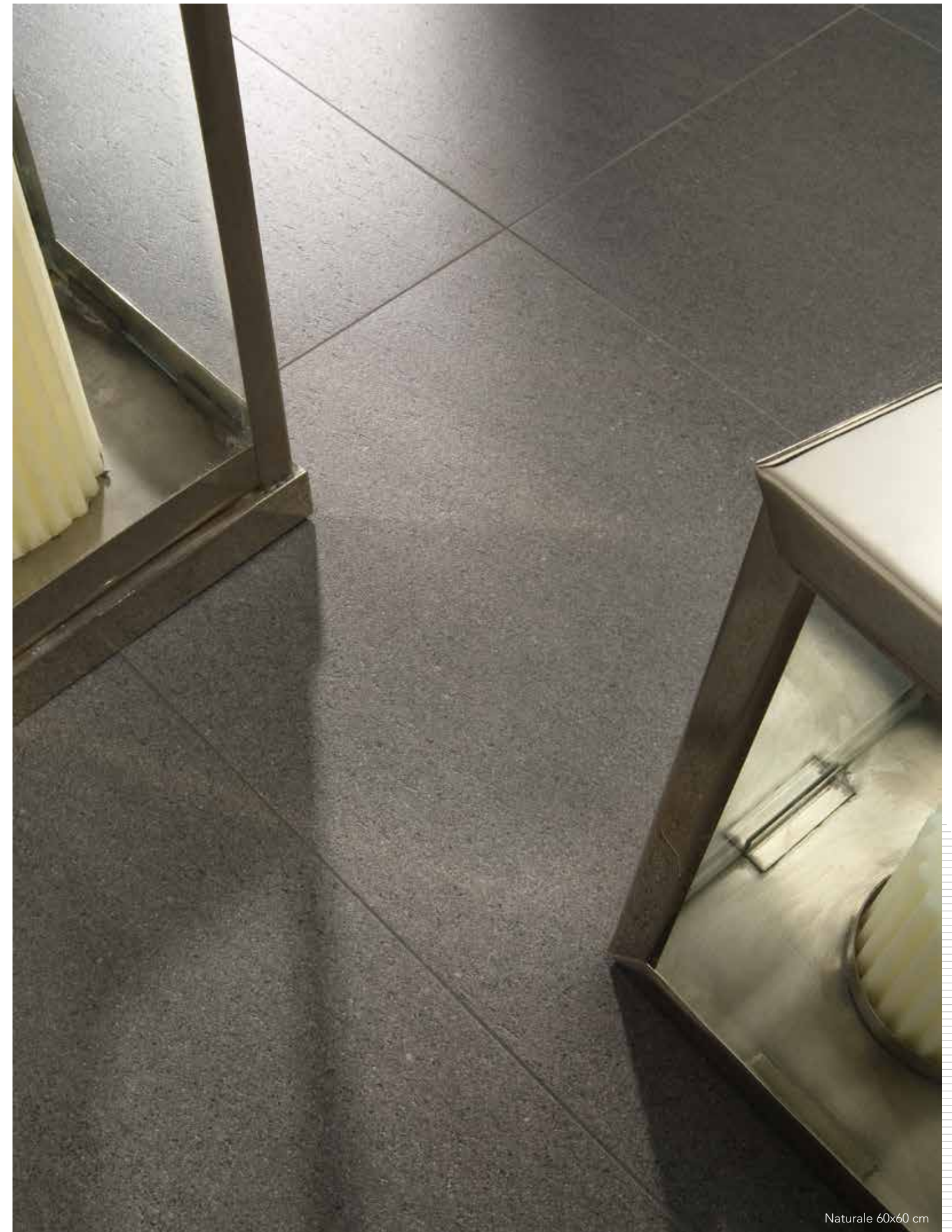


60x60 cm rect.
⚡ 1,1 cm



60x120 cm rect.
⚡ 1,2 cm

Minimum suggested joint for indoor fixing 2 mm



Naturale 60x60 cm

Bioessenze

20x120 cm

Thickness 1,2 cm

15x120 cm

Thickness 1,2 cm

9x90 cm

Thickness 1 cm

Intact nature in its place.

Care and respect for the environment are values that distinguish Bellissimo ceramics. Bellissimo ceramics creates eco-compatible products because modern and advanced design is based on the respect of places, spaces and the people who live and interact with them. Bioessenze respect nature: it is produced without polluting the atmosphere and water; it uses raw materials which are abundant in nature, does not cut trees and recycles waste products.

LEA
CERAMICHE

“Ceramics of Italy”

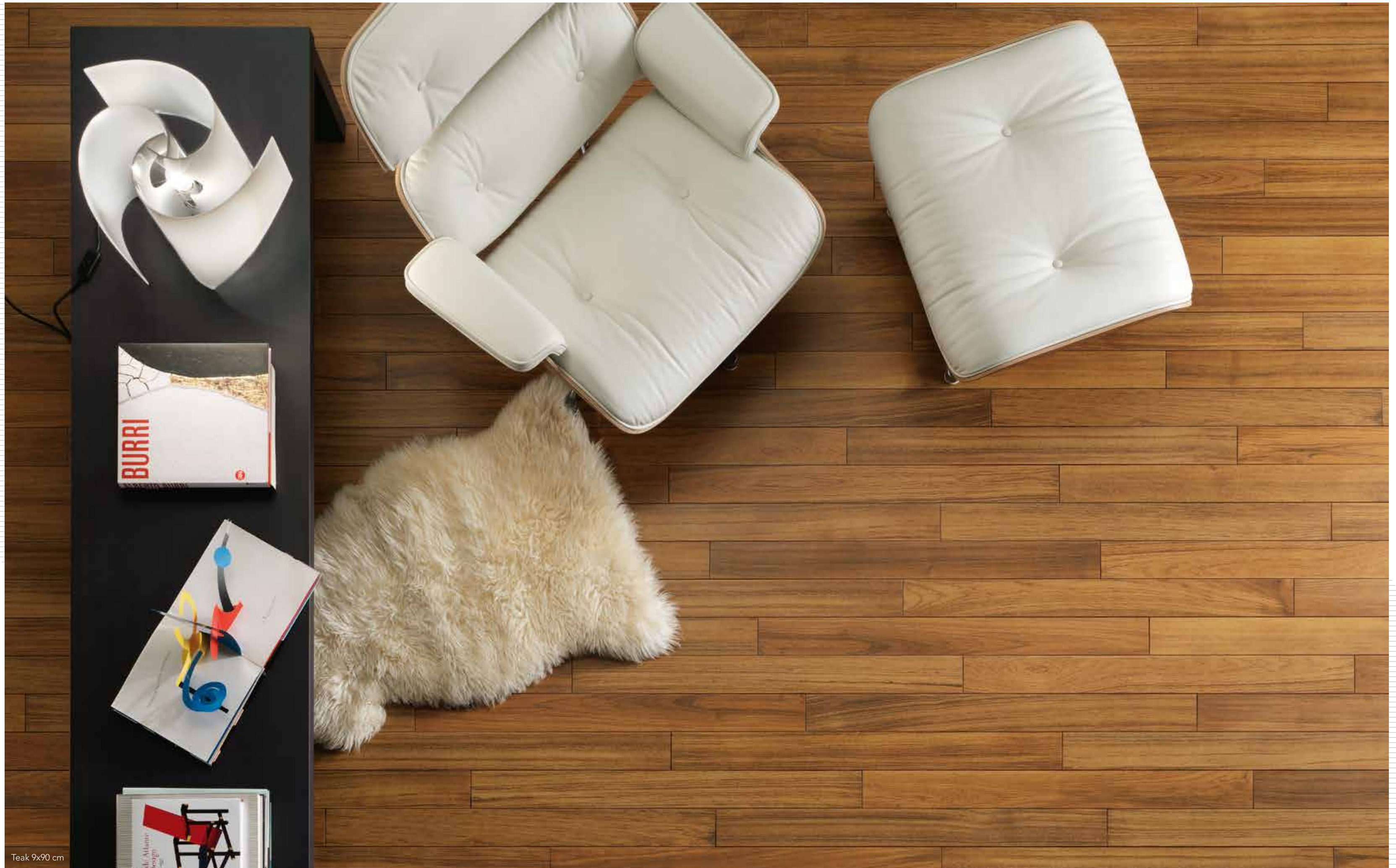




Teak 9x90 cm



Rovere Bianco 15x120 cm



Teak 9x90 cm

Bioessenze

9x90 cm
15x120 cm
20x120 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V4	≤ 0,04 %	≥ 3600 N (1,2 cm) ≥ 2500 N (1 cm)	≤ 145 mm ³	DIN 51130 R9	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)
				(Not Noce - Teak)				

Rovere Decapè



20x120 cm rect.
≙ 1,2 cm

Rovere Bianco



15x120 cm rect.
≙ 1,2 cm

Noce



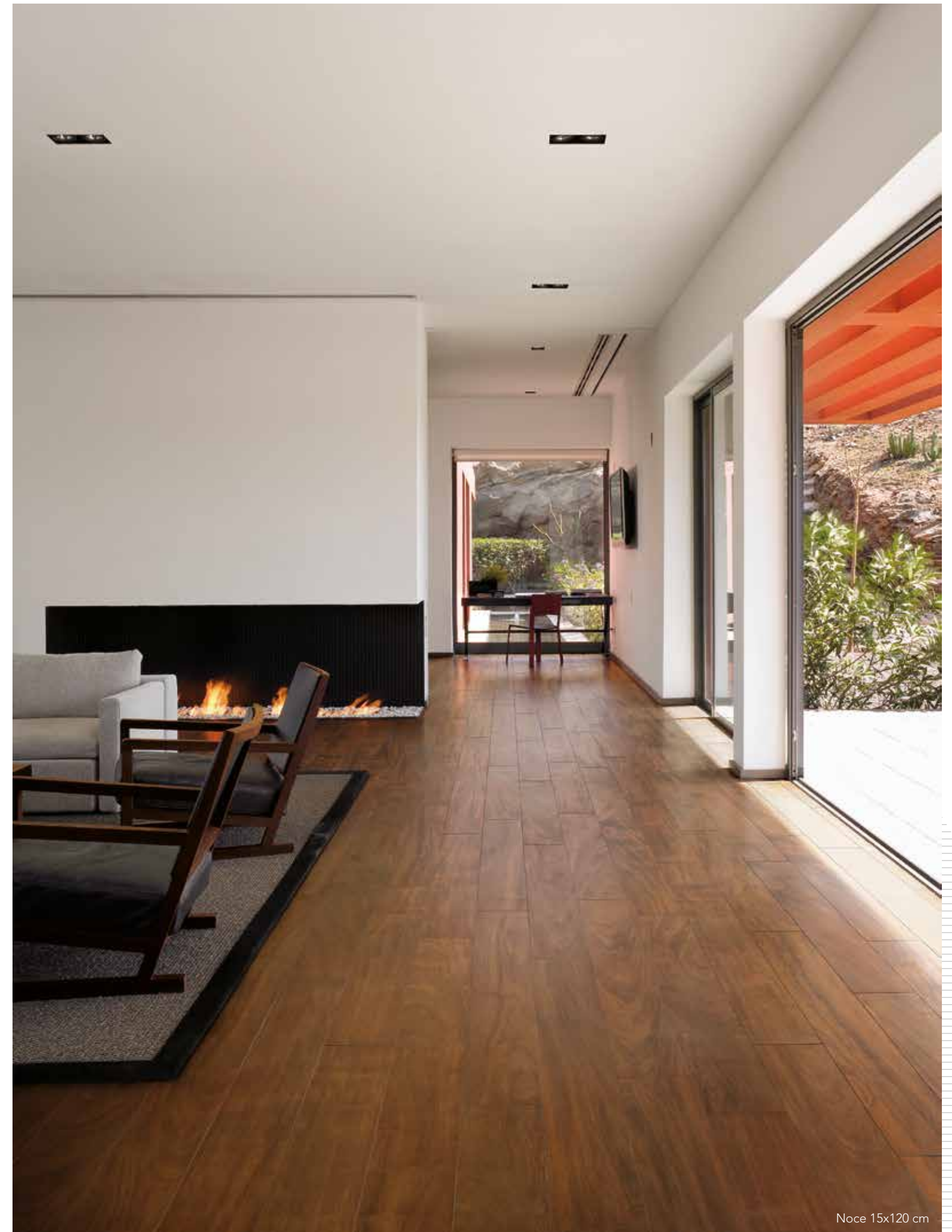
15x120 cm rect.
≙ 1,2 cm

Teak



9x90 cm rect.
≙ 1 cm

Minimum suggested joint for indoor fixing 2 mm



Bioplank

20x120 cm

Thickness 1,1 cm

Nature as a reference model.

The constant research activities carried out in the Lea Ceramiche laboratories have led to the creation of a new collection of porcelain stoneware, a faithful interpretation of the warmth and pleasure of wood effect surfaces. With excellent performance in terms of strength and durability, respectful of the environment and with the antibacterial protection Microban, Bio Plank blends practicality and aesthetic taste while dialoguing with the most cutting-edge technologies.

LEA
CERAMICHE

“Ceramics of Italy”
Ceramics of Italy

Microban
antibacterial protection





Antibacterial protection

Bioplank

20x120 cm



SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	≤ 0,04 %	≥ 3000 N	≤ 145 mm ³	DIN 51130 R9 nat	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Cottage Brown



20x120 cm rect.

≡ 1,1 cm

Oak Noisette



20x120 cm rect.

≡ 1,1 cm

Cottage Blue



20x120 cm rect.

≡ 1,1 cm

Oak Ice



20x120 cm rect.

≡ 1,1 cm

Fumè



20x120 cm rect.

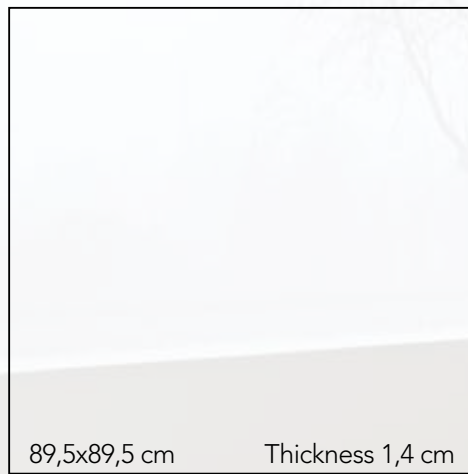
≡ 1,1 cm



Minimum suggested joint for indoor fixing 2 mm

Fumè 20x120 cm

Buxy



89,5x89,5 cm Thickness 1,4 cm



59,4x119 cm Thickness 1,4 cm

Buxy is a natural stone of extraordinary beauty, thanks to its chromatic features and its particular speckled pattern. Cotto d'Este proposes the charm of a natural porcelain stoneware, coloured with penetrating salts.

COTTO D'ESTE
Nuove Superfici





Amande Lux 59,4x119 cm



Corail Blanc Lux 89,5x89,5 cm



Buxy

89.5x89.5 cm
59.4x119 cm

Buxy

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,04 %	≥ 5000 N	≤ 134 mm ³	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Corail Blanc Lux



89,5x89,5 cm rect.
⊗ 1,4 cm

Amande Lux



89,5x89,5 cm rect.
⊗ 1,4 cm

Caramel Lux



89,5x89,5 cm rect.
⊗ 1,4 cm

Perle Lux



89,5x89,5 cm rect.
⊗ 1,4 cm

Carbon Lux



89,5x89,5 cm rect.
⊗ 1,4 cm



59,4x119 cm rect.
⊗ 1,4 cm



59,4x119 cm rect.
⊗ 1,4 cm



59,4x119 cm rect.
⊗ 1,4 cm



59,4x119 cm rect.
⊗ 1,4 cm



59,4x119 cm rect.
⊗ 1,4 cm

Minimum suggested joint for indoor fixing 2 mm

Discover



Discover a better world built by our own dreams.

Clean, perfect and shared.
 A home for our projects. Here, now, under our own eyes.
 Strong, light and inspired.





White 60x60 cm - Sun 60x120 cm

Discover

60x60 cm
60x120 cm



SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,04 %	≥ 3000 N (1,1 cm) ≥ 2500 N (1 cm)	≤ 145 mm ³	DIN 51130 R9	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Sun



60x60 cm rect.
⊗ 1 cm



60x120 cm rect.
⊗ 1,1 cm

White



60x60 cm rect.
⊗ 1 cm



60x120 cm rect.
⊗ 1,1 cm

Plan

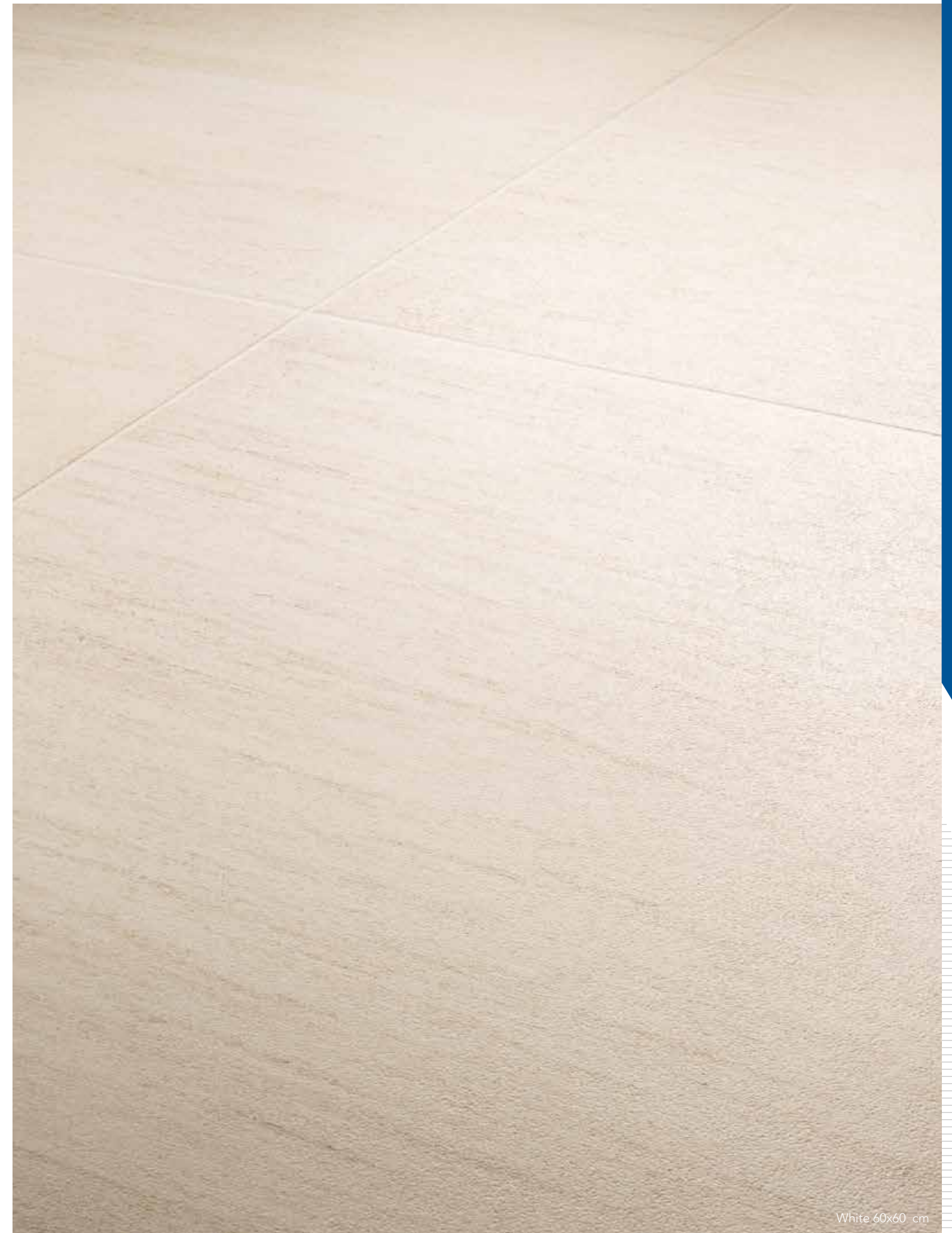


60x60 cm rect.
⊗ 1 cm



60x120 cm rect.
⊗ 1,1 cm

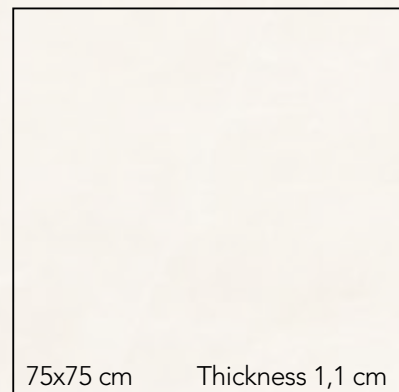
Minimum suggested joint for indoor fixing 2 mm



Antibacterial protection

White 60x60 cm

Dreaming



75x75 cm Thickness 1,1 cm

Dreaming reproduces the effects of the finest marble, combined with the strength and durability of ceramics. Luster and veins of marble are reinterpreted to combine tradition and innovation, elegance and comfort.








LEA
CERAMICHE


Ceramics of Italy




Dreaming

75x75 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	SURFACE ABRASION ISO 10545-7	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
						
V3	≤ 0,04 %	≥ 3000 N	≤ 145 mm ³	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)


Crystal White



75x75 cm velvet rect.
 1,1 cm


Romance Safari



75x75 cm velvet rect.
 1,1 cm

Passion Pulpis



75x75 cm velvet rect.
 1,1 cm



Passion Pulpis 75x75 cm

Minimum suggested joint for indoor fixing 2 mm

Elegance

59,4x119 cm

Thickness 1,4 cm

Beauty, refinement and elegance.

“Elegance” graces the space with a new look and pure material with natural, bright simmers. “Elegance” is made in full-body coloured porcelain stoneware, reproducing the most beautiful calcareous stone of Asia Minor, Antalya Limestone.

COTTO D'ESTE
Nuove Superfici

“Ceramics of Italy”



Elegance

59,4x119 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,04 %	≥ 5000 N	≤ 134 mm ³	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Via Condotti



59,4x119 cm rect.
⊘ 1,4 cm

Via Montenapoleone



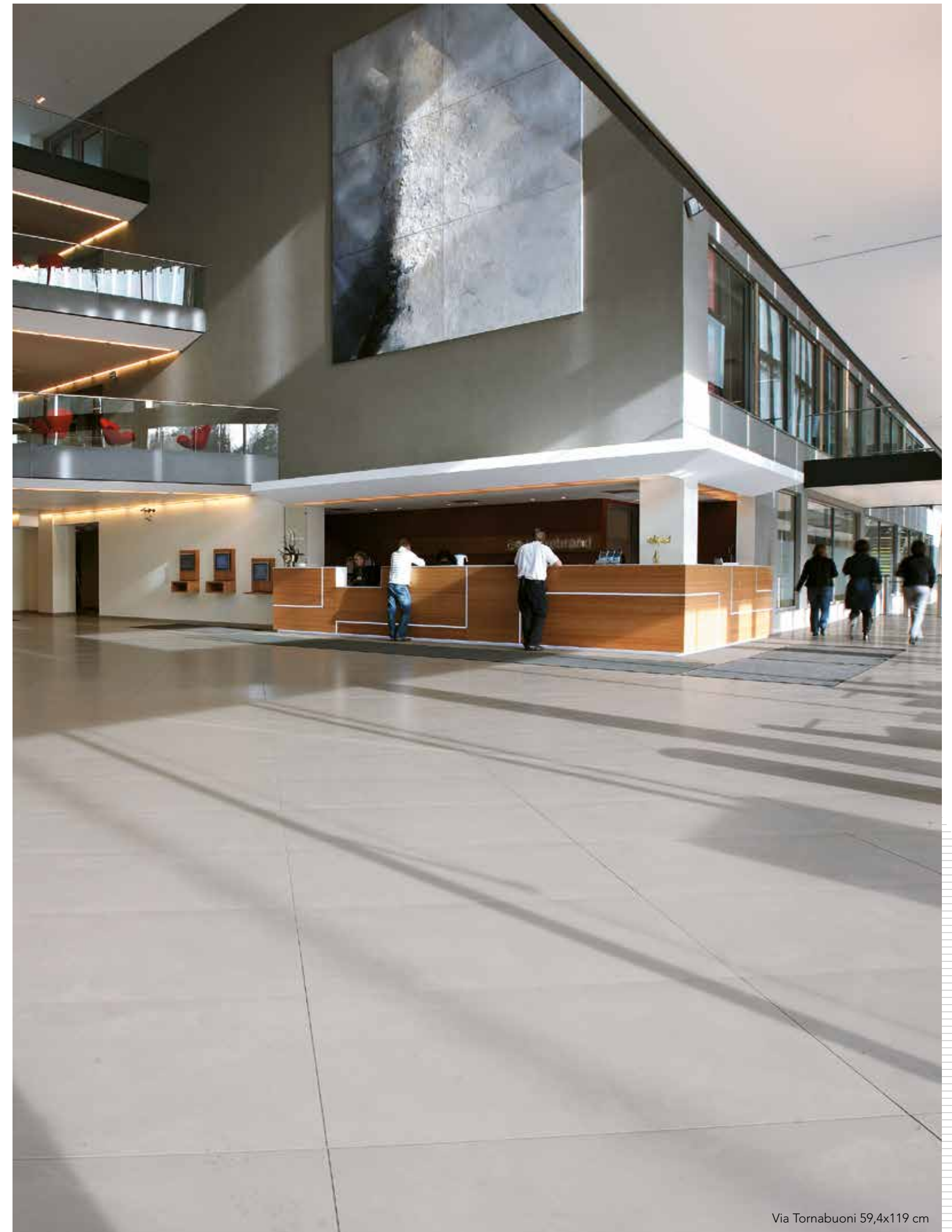
59,4x119 cm rect.
⊘ 1,4 cm

Via Tornabuoni



59,4x119 cm rect.
⊘ 1,4 cm

Minimum suggested joint for indoor fixing 2 mm



Via Tornabuoni 59,4x119 cm

Metropolis



Return to material texture, in all its simplicity and purity.

The tough and rugged nature of cement makes a comeback in the Metropolis collection, characterised by surfaces with an extremely natural effect. The rough look goes with a surprisingly sensual feel: the beauty of an ancient material becomes softer and more welcoming to the touch, renewed in a reassuring tactile experience. Metropolis is the ideal surfacing material for covering any kind of interior or exterior volume: a ceramic lining material that acts as a second skin for spaces aiming for new kinds of simplicity.

LEA
CERAMICHE

“”
Ceramics of Italy

 **Microban**
antibacterial protection

Metropolis

90x90 cm



SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	≤ 0,04 %	≥ 3000 N	≤ 145 mm ³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Tokyo White



90x90 cm texture rect.

≡ 1,1 cm

Milano Ecreu



90x90 cm texture rect.

≡ 1,1 cm

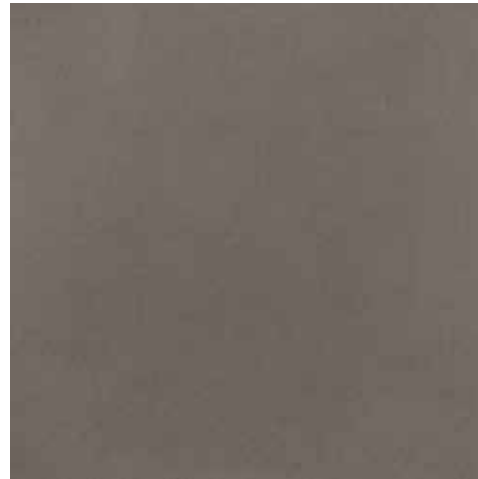
Shanghai Iron



90x90 cm texture rect.

≡ 1,1 cm

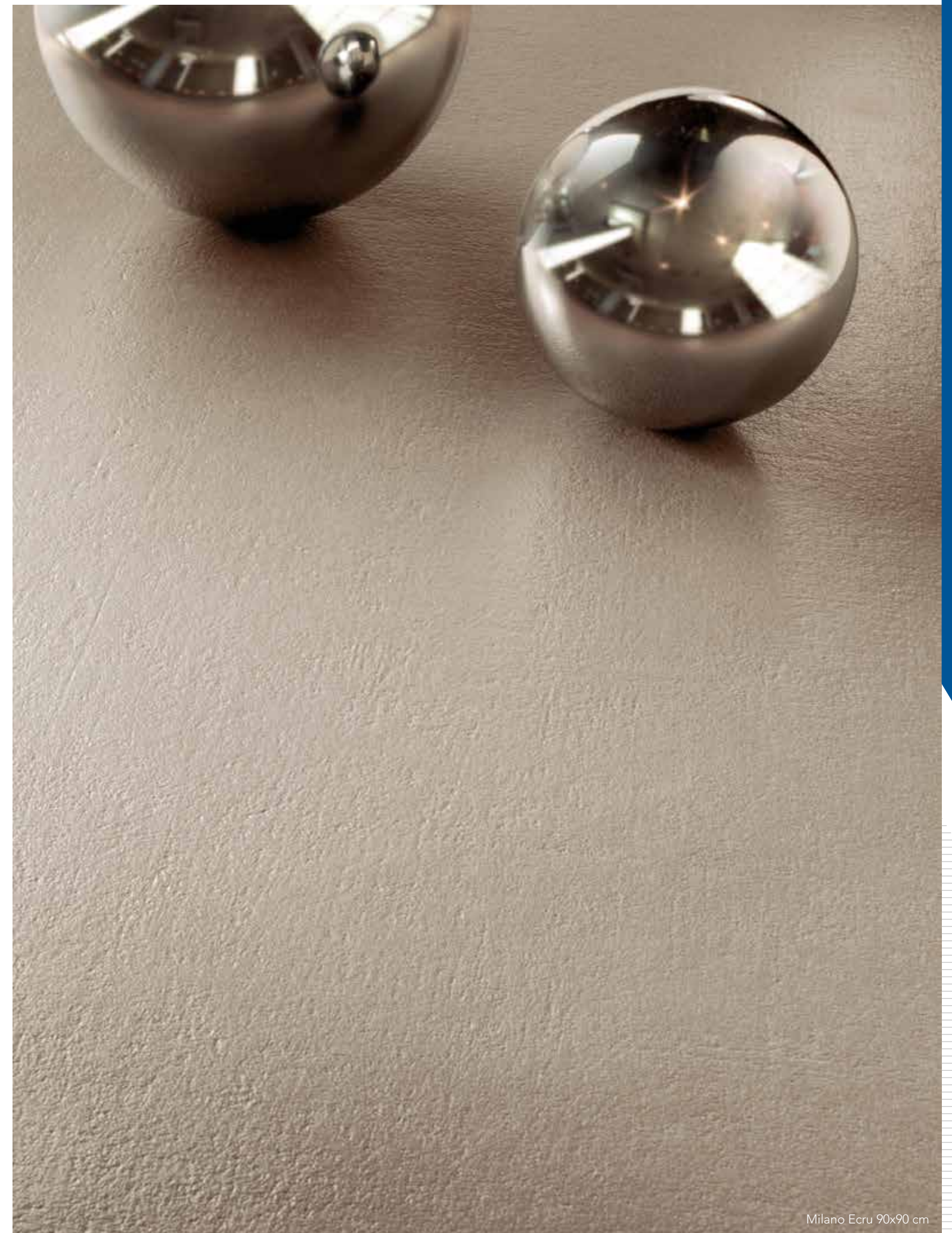
Rio Coffee



90x90 cm texture rect.

≡ 1,1 cm

Minimum suggested joint for indoor fixing 2 mm



Milano Ecreu 90x90 cm

Salento



Salento, land of Mediterranean. Warm colors, golden stone eroded by time and saline air, dunes of sand and landscapes punctuated by secular olive trees. The sharp crystalline light of Salento lives through the delicate golden hue of material, the lightly textured surface, reveals its depth and enhances the aesthetic nature of ceramic material.

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CERAMICHE


Ceramics of Italy

 **Microban**
antibacterial protection

Salento

75x75 cm
37,5x75 cm



SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RESISTANCE		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	≤ 0,04 %	≥ 3000 N	≤ 145 mm ³	DIN 51130 R9	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Bianco Leuca



75x75 cm rect.
⊕ 1,1 cm



37,5x75 cm rect.
⊕ 1,1 cm

Beige Ostuni



75x75 cm rect.
⊕ 1,1 cm



37,5x75 cm rect.
⊕ 1,1 cm

Minimum suggested joint for indoor fixing 2 mm



Antibacterial protection

Bianco Leuca 37,5x75 cm

Bellissimo
 STILE ITALIANO

Made in **I**ndia

Collections

Fusion

60,5x60,5 cm
Thickness 1 cm

60x120 cm

Thickness 1,3 cm

30x90 cm

Thickness 1,1 cm

A line that is in itself the essence of innovation and modernity, contemporary design, contemporary colors with a the metropolitan charm, typically modern touch. The unmistakable style of Fusion for modern, creative and multi-functional spaces.

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Vision 60,5x60,5 cm - Vision 30x90 cm

Fusion

30x90 cm
60x120 cm - 60,5x60,5 cm

Fusion

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	Vitrified ≤ 0,5 % Ceramic Body > 10 %	Vitrified ≥ 1300 N Ceramic Body ≥ 600 N	GLA GHA (Resistant)	Vitrified Resistant Ceramic Body Not Resistant	Class 5 (Resistant)

Evolution



60x120 cm *Vitrified Polished*
⚠ 1,3 cm



60,5x60,5 cm *Vitrified Polished*
⚠ 1 cm



30x90 cm *Ceramic Body - Glossy*
⚠ 1,1 cm

Vision



60x120 cm *Vitrified Polished*
⚠ 1,3 cm



60,5x60,5 cm *Vitrified Polished*
⚠ 1 cm



30x90 cm *Ceramic Body - Glossy*
⚠ 1,1 cm

Future



60x120 cm *Vitrified Polished*
⚠ 1,3 cm



60,5x60,5 cm *Vitrified Polished*
⚠ 1 cm



30x90 cm *Ceramic Body - Glossy*
⚠ 1,1 cm

Minimum suggested joint for indoor fixing 2 mm

Mineralis

60,5x60,5 cm
Thickness 1 cm

The different shades inspired by the finest quartzite stones, reveal an attentive technological research on the ceramic material. The slightly textured surface appearance, together with a large colour variety, represents a guarantee of safety and style.

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Mineralis

60.5x60.5 cm

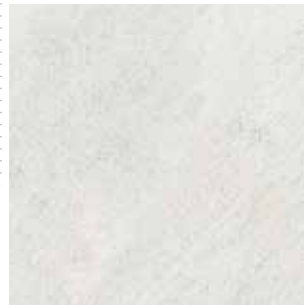
SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	SLIP RESISTANCE DIN 51130	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	≤ 0,5 %	≥ 1300 N	R9	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Crystal



60,5x60,5 cm Vitrified - Matt
± 1 cm

Ash



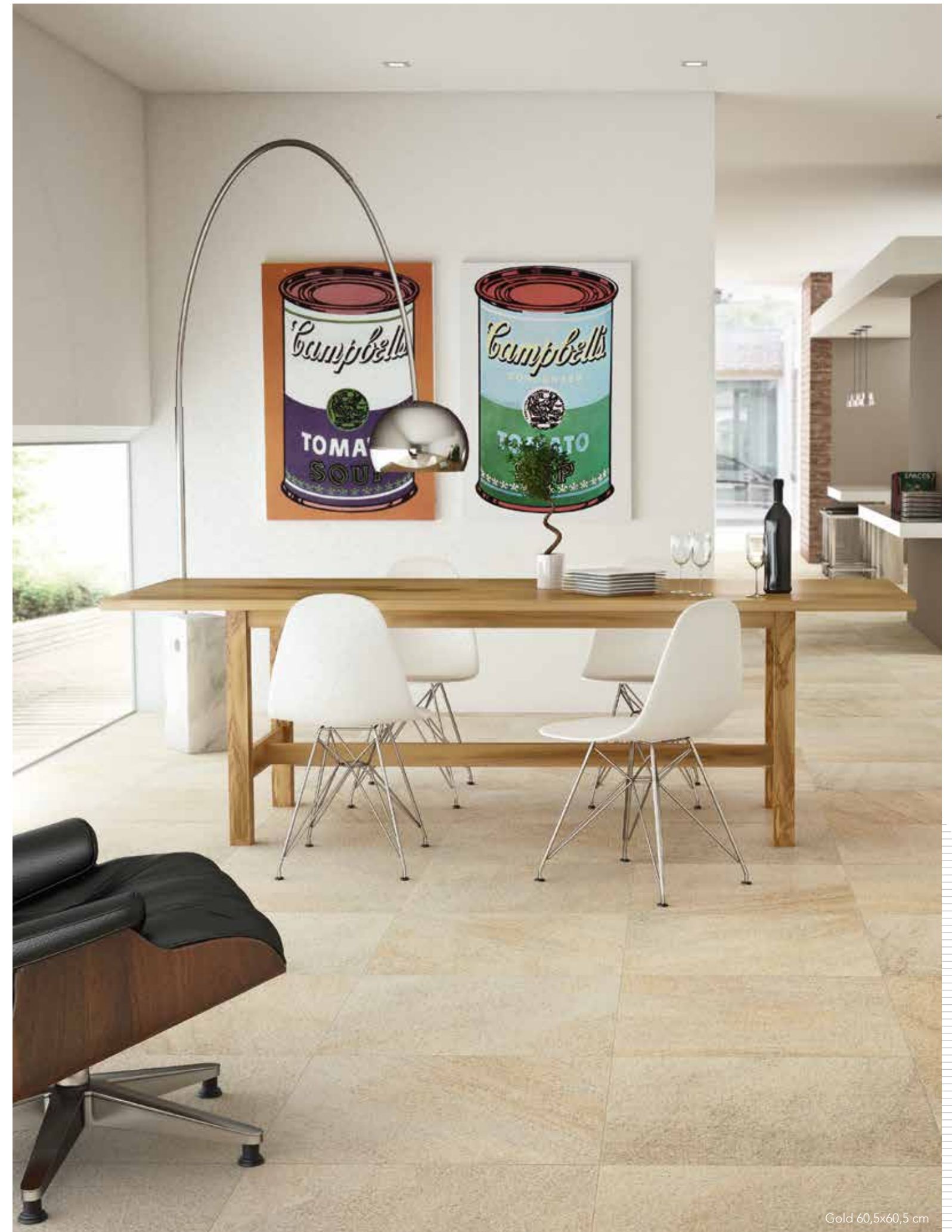
60,5x60,5 cm Vitrified - Matt
± 1 cm

Gold



60,5x60,5 cm Vitrified - Matt
± 1 cm

Minimum suggested joint for indoor fixing 2 mm



Gold 60,5x60,5 cm

Naturalis

60,5x60,5 cm
Thickness 1 cm

60x120 cm

Thickness 1,3 cm

Naturalness and charm are the keywords of this strong-character collection. Contemporary protagonist for refined interiors, thanks to its evocative veins Naturalis suggests the strength and the prestige of a material that withstands time.

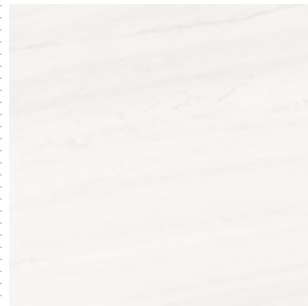
Bellissimo
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Naturalis

60.5x60.5 cm
60x120 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Pearl



60,5x60,5 cm Vitrified - Matt
⚠ 1 cm



60x120 cm Vitrified - Matt
⚠ 1,3 cm

Sand



60,5x60,5 cm Vitrified - Matt
⚠ 1 cm



60x120 cm Vitrified - Matt
⚠ 1,3 cm

Silver

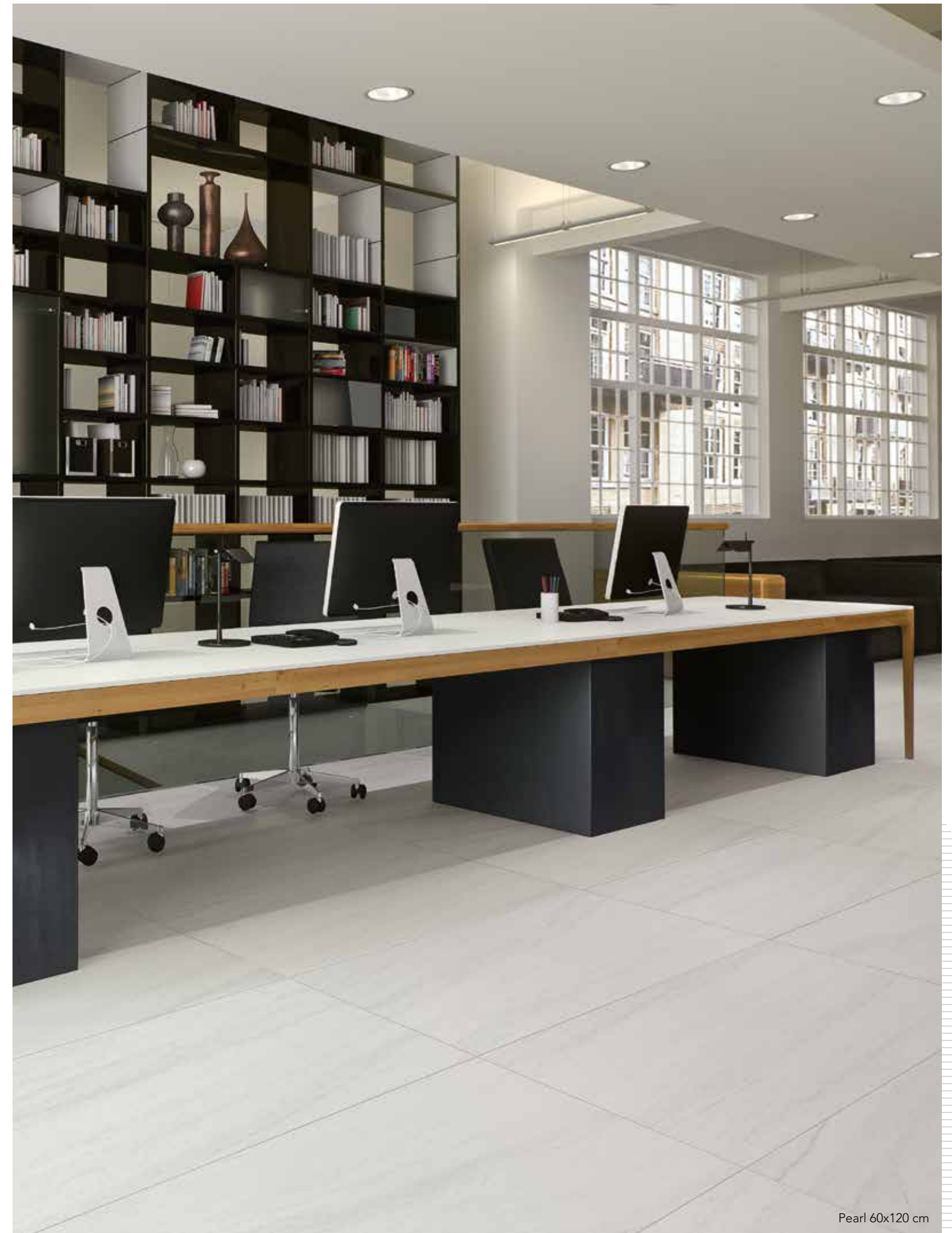


60,5x60,5 cm Vitrified - Matt
⚠ 1 cm



60x120 cm Vitrified - Matt
⚠ 1,3 cm

Minimum suggested joint for indoor fixing 2 mm



Pearl 60x120 cm

Noble Marble



60,5x60,5 cm
Thickness 1 cm



60x120 cm

Thickness 1,3 cm

A marble with a finish that expresses its beauty in three chromatic shades of fine and distinctive taste, ...modernity combined with the charm of tradition, for refined and fascinating atmospheres.

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Noble Marble

60.5x60.5 cm
60x120 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Grey Samara



60,5x60,5 cm Vitrified - Matt
⊠ 1 cm



60x120 cm Vitrified - Matt
⊠ 1,3 cm

Botticino



60,5x60,5 cm Vitrified - Matt
⊠ 1 cm



60x120 cm Vitrified - Matt
⊠ 1,3 cm

Blu Savoia



60,5x60,5 cm Vitrified - Matt
⊠ 1 cm



60x120 cm Vitrified - Matt
⊠ 1,3 cm

Minimum suggested joint for indoor fixing 2 mm



Grey Samara 60x120 cm

Rapolano

60,5x60,5 cm
Thickness 1 cm

60x120 cm

Thickness 1,3 cm

45x90 cm

Thickness 1,15 cm

An authentic collection that reflects the charm and spontaneity of the Italian hills. Classic colors and natural shades for simple and always elegant atmospheres ...

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Rapolano

45x90 cm
60x120 cm - 60,5x60,5 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V2	Vitrified ≤ 0,5 % Ceramic Body > 10 %	Vitrified ≥ 1300 N Ceramic Body ≥ 600 N	GLA GHA (Resistant)	Vitrified Resistant Ceramic Body Not Resistant	Class 5 (Resistant)

Original



60x120 cm Vitrified - Satin
⚠ 1,3 cm



60,5x60,5 cm Vitrified - Satin
⚠ 1 cm

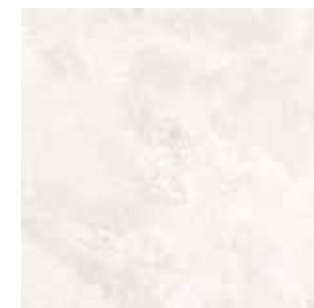


45x90 cm Ceramic Body - Satin
⚠ 1,15 cm

White



60x120 cm Vitrified - Satin
⚠ 1,3 cm



60,5x60,5 cm Vitrified - Satin
⚠ 1 cm



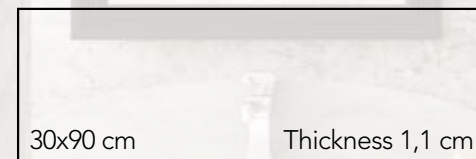
45x90 cm Ceramic Body - Satin
⚠ 1,15 cm

Minimum suggested joint for indoor fixing 2 mm



White 60x120 cm

Rich Marble



Shiny and smooth, a soft touch that evokes feelings of perfection. The pure mineral essence returns to life with a new look and defines solemnly spaces, devoted to create personal chic and luxurious solutions. A marble of extraordinary beauty, where every detail, from reflection to vein, stands out for its preciousness.

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Rich Marble

30x30 cm - 30x60 cm
30x90 cm - 60,5x60,5 cm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
V3	Vitrified ≤ 0,5 % Ceramic Body > 10 %	Vitrified ≥ 1300 N Ceramic Body ≥ 600 N	GLA GHA (Resistant)	Vitrified Resistant Ceramic Body Not Resistant	Class 5 Resistant

Napolina



60,5x60,5 cm Vitrified - Polished
 ≡ 1 cm



30x90 cm Ceramic Body - Beveled - Glossy
 ≡ 1,1 cm



30x60 cm Ceramic Body - Glossy
 ≡ 1 cm



30x30 cm Ceramic Body
 Matt
 ≡ 0,85 cm

Dolomia



60,5x60,5 cm Vitrified - Polished
 ≡ 1 cm



30x90 cm Ceramic Body - Beveled - Glossy
 ≡ 1,1 cm



30x60 cm Ceramic Body - Glossy
 ≡ 1 cm



30x30 cm Ceramic Body
 Matt
 ≡ 0,85 cm

Breccia



60,5x60,5 cm Vitrified - Polished
 ≡ 1 cm



30x90 cm Ceramic Body - Beveled - Glossy
 ≡ 1,1 cm



30x60 cm Ceramic Body - Glossy
 ≡ 1 cm



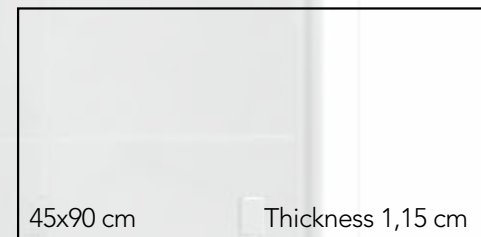
30x30 cm Ceramic Body
 Matt
 ≡ 0,85 cm

Minimum suggested joint for indoor fixing 2 mm



Breccia 60,5x60,5 cm

Shade Marble









Inspired by natural marble, with elegant and prestigious shades, this collection stands out for its unique natural beauty, giving luminosity and harmony to the environments. The sophisticated surfaces grant elegance and refinement to the ambience, giving a touch of style to everyday life.

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Shade Marble

**30x30 cm - 30x60 cm
45x90 cm - 60,5x60,5 cm**

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
					
V2	Vitrified ≤ 0,5 % Ceramic Body > 10 %	Vitrified ≥ 1300 N Ceramic Body ≥ 600 N	GLA GHA (Resistant)	Vitrified Resistant Ceramic Body Not Resistant	Class 5 Resistant

Alabastro



60,5x60,5 cm Vitrified - Polished
⚠ 1 cm



45x90 cm Ceramic Body - Beveled - Glossy
⚠ 1,15 cm



30x60 cm Ceramic Body - Glossy
⚠ 1 cm



30x30 cm Ceramic Body
Matt
⚠ 0,85 cm

Onice



60,5x60,5 cm Vitrified - Polished
⚠ 1 cm



45x90 cm Ceramic Body - Beveled - Glossy
⚠ 1,15 cm



30x60 cm Ceramic Body - Glossy
⚠ 1 cm



30x30 cm Ceramic Body
Matt
⚠ 0,85 cm



Minimum suggested joint for indoor fixing 2 mm

Stripe Marble

60,5x60,5 cm
Thickness 1 cm

60x120 cm

Thickness 1,3 cm

30x90 cm

Thickness 1,1 cm

30x30 cm
Thickness
0,85 cm

Four unique nuances that shape and transform interiors. The particular longitudinal vein, ensures originality and charm to this noble floor. The chromatic harmony of these surfaces recalls atmospheres where tradition blends with contemporary in a surprising effect of exclusive refinement.

Bellissimo
STILE ITALIANO



Zebrino 30x30 cm - Zebrino 30x90 cm











Stripe Marble

30x30 cm - 30x90 cm
60x120 cm - 60,5x60,5 cm

Stripe Marble

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
					
V2	Vitrified ≤ 0,5 % Ceramic Body > 10 %	Vitrified ≥ 1300 N Ceramic Body ≥ 600 N	GLA GHA (Resistant)	Vitrified Resistant Ceramic Body Not Resistant	Class 5 Resistant

Georgia




60x120 cm Vitrified - Polished
 1,3 cm




60,5x60,5 cm Vitrified - Polished
 1 cm



30x90 cm Ceramic Body - Glossy
 1,1 cm



30x30 cm Ceramic Body - Matt
 0,85 cm

Zebrino




60x120 cm Vitrified - Polished
 1,3 cm




60,5x60,5 cm Vitrified - Polished
 1 cm



30x90 cm Ceramic Body - Glossy
 1,1 cm



30x30 cm Ceramic Body - Matt
 0,85 cm

Palissandro




60x120 cm Vitrified - Polished
 1,3 cm




60,5x60,5 cm Vitrified - Polished
 1 cm



30x90 cm Ceramic Body - Glossy
 1,1 cm



30x30 cm Ceramic Body - Matt
 0,85 cm

Travertino




60x120 cm Vitrified - Polished
 1,3 cm




60,5x60,5 cm Vitrified - Polished
 1 cm



30x90 cm Ceramic Body - Glossy
 1,1 cm



30x30 cm Ceramic Body - Matt
 0,85 cm

Minimum suggested joint for indoor fixing 2 mm

Packaging

Made in **I**taly

ARENARIA

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60x60 cm <i>rect.</i>	4	1,44	32,00	24	34,56	768,00
60x120 cm <i>rect.</i>	2	1,44	37,00	24	34,56	888,00

BASALTINA STONE PROJECT

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60x60 cm <i>rect.</i>	4	1,44	35,00	24	34,56	840,00
60x120 cm <i>rect.</i>	2	1,44	40,80	24	34,56	979,20

BIOESSENZE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
20x120 cm <i>rect.</i>	4	0,96	26,29	36	34,56	946,44
15x120 cm <i>rect.</i>	6	1,08	28,70	32	34,56	918,40
9x90 cm <i>rect.</i>	13	1,05	23,40	48	50,54	1123,20

BIOPLANK

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
20x120 cm <i>rect.</i>	4	0,96	24,50	36	34,56	882,00

BUXY

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
89,5x89,5 cm <i>rect.</i>	1	0,81	25,20	40	32,40	1008,00
59,4x119 cm <i>rect.</i>	1	0,707	21,50	40	28,28	860,00

DISCOVER

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60x60 cm <i>rect.</i>	4	1,44	31,00	30	43,20	930,00
60x120 cm <i>rect.</i>	2	1,44	37,00	24	34,56	888,00

DREAMING

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
75x75 cm <i>Velvet rect.</i>	2	1,12	28,50	40	45,00	1140,00

ELEGANCE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
59,4x119 cm <i>rect.</i>	1	0,70	22,50	40	28,27	900,00

METROPOLIS

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
90x90 cm <i>Texture rect.</i>	2	1,62	40,00	24	38,88	960,00

SALENTO

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
75x75 cm <i>rect.</i>	2	1,12	27,40	40	45,00	1096,00
37,5x75 cm <i>rect.</i>	5	1,40	34,25	32	45,00	1096,00

Packaging

Made in India

FUSION

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
30x90 cm Ceramic Body - Glossy	4	1,08	23,4	25	27	585
60x120 cm Vitrified - Polished	2	1,44	43,5	23	33,12	1000,5
60,5x60,5 cm Vitrified - Polished	4	1,46	34,5	36	52,56	1242

MINERALIS

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60,5x60,5 cm Vitrified - Matt	4	1,46	33,5	28	40,88	938

NATURALIS

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60,5x60,5 cm Vitrified - Matt	4	1,46	33,5	28	40,88	938
60x120 cm Vitrified - Matt	2	1,44	43	23	33,12	989

NOBLE MARBLE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
60,5x60,5 cm Vitrified - Matt	4	1,46	33,5	28	40,88	938
60x120 cm Vitrified - Matt	2	1,44	43	23	33,12	989

RAPOLANO

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
45x90 cm Ceramic Body - Satin	3	1,21	27,20	14	16,94	380,8
60x120 cm Vitrified - Satin	2	1,44	43,5	23	33,12	1000,5
60,5x60,5 cm Vitrified - Satin	4	1,46	34,5	28	40,88	966

RICH MARBLE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
30x30 cm Ceramic Body - Matt	12	1,08	16,3	75	81	1222,5
30x60 cm Ceramic Body - Glossy	6	1,08	20,1	60	64,8	1206
30x90 cm Ceramic Body - Beveled - Glossy	4	1,08	23,4	25	27	585
60,5x60,5 cm Vitrified - Polished	4	1,46	34,5	36	52,56	1242

SHADE MARBLE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
30x30 cm Ceramic Body - Matt	12	1,08	16,3	75	81	1222,5
30x60 cm Ceramic Body - Glossy	6	1,08	20,1	60	64,8	1206
45x90 cm Ceramic Body - Beveled - Glossy	3	1,21	27,2	14	16,94	380,8
60,5x60,5 cm Vitrified - Polished	4	1,46	34,5	28	40,88	966

STRIPE MARBLE

Sizes	Box			Europallet		
	pcs.	m ²	kg	box	m ²	kg
30x30 cm Ceramic Body - Matt	12	1,08	16,3	75	81	1222,5
30x90 cm Ceramic Body - Glossy	4	1,08	23,4	25	27	585
60x120 cm Vitrified - Polished	2	1,44	43,5	23	33,12	1000,5
60,5x60,5 cm Vitrified - Polished	4	1,46	34,5	36	52,56	1242

Italian certificates



The continuous search for excellence has led Panariagroup to invest in the latest technology. Amongst the many advantages, the latter has permitted us to reduce emission of gas into the atmosphere to the minimum levels possible: at least ten times lower than the strict thresholds of Italian laws. Emission levels also fulfil the requirements of the Kyoto Protocol for reduction of GHG.



By means of extremely modern plant, Panariagroup can convey the heat produced during the tile firing stage to the equipment used for preparing mixtures. By doing so, the consumption of natural gas is reduced by at least 25%.



All discarded green material - i.e. green material that does not fulfil our high standards of quality - is recycled. Since this material is not fired, it can be fed back into the initial stages of the production process hence reducing the amount of raw materials needed. Fired rejects that cannot be fed back into the production cycle, since they would adversely affect the characteristics of the mixture, are recycled externally. In other words, they are used for the production of bricks or road substrates thus reducing the natural materials generally used for these purposes.



The tile production process calls for a significant amount of water. To save such an important resource, Panariagroup recycles all the water employed during the production cycle. This reduces the consumption of water by 60%. Furthermore, the water used during the production process is in no manner disposed of in the environment.



All materials used for packing our products (cardboard boxes, plastic, wooden pallets, etc.) can be recycled. As a further environmental guarantee for the forests of countries importing our products, all our pallets are made without bark (in accordance to the IPPC / FAO ISPM 15 standard).



Apart from keeping a constant control on the work environment, Panariagroup invests in training courses for staff concerning the environmental and safety aspects of the production activities. We promote the reduction of noise levels both inside and outside our factories, as established by the laws in force.



To continuously improve its policy, Panariagroup periodically checks its entire environmental protection package by means of Environmental Audits performed by independent certifying bodies and by qualified in-house personnel.

Leed



Panariagroup is a member of the U.S. Green Building Council, organisation of the USA demonstrating that a building is environmentally responsible, profitable and a healthy place to live and work. Purpose of LEED (Leadership in Energy and Environmental Design Green Building Rating System™) is assessing the environmental, social and economic sustainability of buildings on the basis of criteria such as energy efficiency, polluting emissions and the use of recycled materials. LEED supplies professionals of the building trade (designers, architects, etc.) the tools needed to calculate the impact of their buildings in terms of eco-sustainability.

Emas



EC Regulation no. 1221/2009 of the European Parliament and of the Council introduced the EMAS eco-management and audit scheme for organisations. Panariagroup has obtained EMAS Registration for all its production sites: Finale Emilia (MO) (registration n.I-000309 on April 2005), Toano (RE) (registration n.I-000239 on September 2004) and Fiorano Modenese (MO) (registration n.I-000401 on December 2005). This registration is of major importance, since it requires a proper Environmental Management System to be created, based on the continual improvement of environmental performance within organisations. The scheme is based on the creation of an open dialogue with local institutions (Agencies, Authorities, Associations, Trade Union Representatives, Schools, Press) and with the public, and it is expected that all employees will play an active part. The Environmental Statement is the end document that describes the environmental and safety aspects in the workplace, the environmental performance of the site and the environmental targets that the Company sets itself within the framework of continual improvement. The statement is validated by an Accredited Environmental Verifier, following audits carried out in the plant. Panariagroup is one of the very few ceramics companies to have EMAS registration which, together with the ECOLABEL and ISO 14001 quality certification, bear witness to the management's utmost commitment and readiness to engage with the ethical, environmental, safety and quality issues. The Environmental Statements of all company's sites are available on the web site www.panariagroup.it.

UNI EN ISO 14001



ENVIRONMENTAL CERTIFICATION FOR PRODUCTION SITES

Ecolabel



IT 021/010

THE ECOLOGICAL QUALITY MARK OF THE EUROPEAN UNION

PRODUCTION PROCESSES WITH A LOWER CONSUMPTION OF ENERGY

LESS EMISSIONS IN AIR AND WATER

IMPROVED CONSUMER INFORMATION AND WASTE MANAGEMENT

Ecolabel is a product certification scheme, created by the European Community (EC Regulation n°1980/2000), to enable consumers to choose and purchase "green", environmentally-compatible products. These products conciliate quality and a higher standard of living with respect for the environment. The flower logo is easily identifiable and certifies the ecological excellent of Panariagroup tiles. The lifecycle of products with this logo has been accurately analysed, in terms of eco-compatibility, from every point of view and throughout all stages of production. From the origin of raw materials to disposal of the product, the following aspects are all taken into account: the quality of air and water of production facilities, preservation of surrounding soil, reduction of by-products, energy saving, protection of the ozone layer and impact on biodiversity. For information about the Ecolabel, see: www.ecolabel.eu



EN 14411

The European Union specifies the Guidelines to protect the safety and health of people and property in building works by the Directive 89/106/EEC. Within this context, the building materials must feature certain safety requirements to bear the CE mark; since 1st December 2005, such mark is compulsory for ceramic tiles, too (European Norm EN14411).

Indian certificates



Cleaning

"AFTER-INSTALLATION" CLEANING

1. "After-installation" cleaning is compulsory, both for glazed and non-glazed tiles.
2. An after-installation cleaning carried out not accurately, or not carried out at all, often results in halos preventing the floor to be kept clean despite of a careful daily cleaning.
3. To ensure an optimal cleaning, the use of a single brush with suitable disks (green for structured/anti-slip surfaces, red for the others) is recommended.

4. CEMENTITIOUS GROUTS MIXED WITH WATER

To ensure an optimal cleaning, the use of a single brush with suitable disks (green for structured/anti-slip surfaces, red for the others) is recommended.

Residue to be removed	Cementitious grouts, slurry, cement, lime			
Detergent type	Acid-based			
Detergent name	KERANET	CEMENT REMOVER	DETERDEK	LITOCLEAN PLUS
Manufacturer	MAPEI	FABERCHIMICA	FILA	LITOKOL

For the use, follow the specific instructions by the manufacturers.

After performing the washing described above, it is necessary to wash with a basic or alkaline product, namely a degreasing detergent (see point 5 of table). Acid washing can leave greasy marks on the floor, which tend to withhold dirt.

NOTE: for cementitious grouts with additives (latexes, resins, etc.), remove immediately with sponge and plenty of water. Then, treat the floor according to the instructions in points 3 and 4.

Always make preventive tests before the use (on a tile not laid yet), above all on lapped or polished products.

Do not carry out the "after-installation" cleaning if the tile temperature is high; in summer, clean during the fresher hours of the day.

5. EPOXY GROUTS

The removal must be carried out immediately and carefully with sponge and plenty of water, as these grouts harden very fast, even in a few minutes. The following day carry out a thorough cleaning with alkaline detergents; a few of them are indicated in the table below.

Operation	Thorough cleaning			
Detergent type	Alkali-based			
Detergent name	WAX REMOVER	PS 87	CIF Degreaser with bicarbonate	LITONET
Manufacturer	FABERCHIMICA	FILA	UNILEVER ITALIA	LITOKOL

For the use, follow the specific instructions by the manufacturers.

Cleaning

6. ANTI-SLIP SURFACES

Due to their special features, rough or structured anti-slip surfaces are harder to clean. After the grouting, it is important to remove the excesses in a short time and by frequent washing with sponge and water, till the floor is perfectly clean. Then, carry out an acid washing using a single brush with green disks.

DAILY CLEANING

Carry out the daily/routine cleaning with neutral detergents or degreasers, diluted in warm water, following the procedures indicated on the packages. The following products, which can be easily found on the market, are recommended.

Operation	Daily cleaning				
Detergent type	Neutral or degreaser				
Detergent name	GLASSEX degreaser	SMAC ULTRA degreaser	CIF Degreaser with bicarbonate	FLOOR CLEANER	FILA CLEANER
Manufacturer	RECKITT BENCKISER	BOLTON MANITOBA	UNILEVER ITALIA	FABERCHIMICA	FILA

EXTRAORDINARY CLEANING

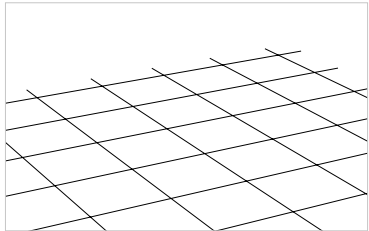
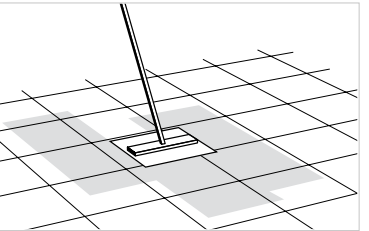
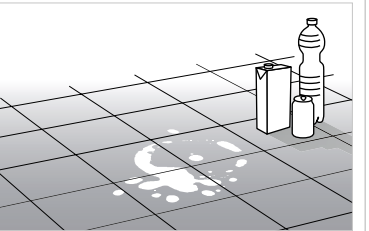
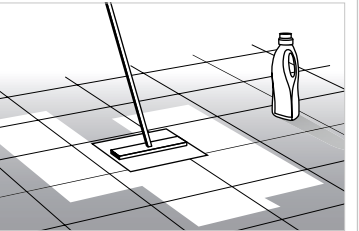
It is carried out to remove very old or resistant stains or residues. The table below indicates detergents suitable for the stain type.

Residue to be removed	Coffee, coke, fruit juices, waxes, greases, etc...	Wine	Calcareous deposits	Rust	Inks, felt pens	Tyres, rubber marks, suckers, metal or pencil marks						
Detergent type	Neutral or degreaser		Oxidizing	Acid-based	Acid-based	Thinner-based	Abrasive paste					
Detergent name	Coloured Stain Remover	PS 87	CIF Degreaser with bicarbonate	OXIDANT	VIAKAL	Diluted hydrochloric acid	Nitro thinner, trichloroethylene, turpentine	Coloured Stain Remover	VIM CLOREX	POLISHING CREAM	DETERGUM	Eraser (for pencil marks only)
Manufacturer	RECKITT BENCKISER	FILA	UNILEVER ITALIA	FABERCHIMICA	PROCTER & GAMBLE	Several manufacturers	Several manufacturers	FABERCHIMICA	GUABER	FABERCHIMICA	ZEP ITALIA	-

IMPORTANT: always make preventive tests before the use (on a tile not laid yet), above all on lapped or polished products.

REMOVAL OF WAXES OR POLISHING COATS

Do NOT use waxes on floor and wall tiles.

			
New floor that has been cleaned after installation in accordance to the instructions provided on the previous pages.	Detergents for routine cleaning that contain wax tend to deposit on the floor and create glossy films.	Simple substances (Coca Cola, wine, water, etc.) will remove this glossy film and give the floor its initial matt appearance.	To remove the glossy film, use a suitable detergent (undiluted Tile Cleaner by Faber). Daily cleaning should be performed using a detergent that does not contain wax.

Often, the standard detergents available on the market contain waxes or polishing additives that, washing after washing, deposit glossy coats on the floor causing halos and problems. This kind of coats can be deposited even by some grouts for joints. Simple agents such as coke, wine, water, etc... falling on the floor remove this glossy coat and restore the original duller look of the tiles. Amid a glossier floor, the areas without wax look like dull halos: instead, they are the only clean floor areas. In these cases, first of all the whole floor must be dewaxed, following the indications of the table below. Then, use the detergents of the table besides for the routine cleaning.

Residue to be removed	Glossy coats left by detergents	
Detergent type	Acid-based	
Detergent name	VIAKAL*	Pure TILE CLEANER *
Manufacturer	PROCTER & GAMBLE	FABERCHIMICA

(* Do not follow the indications on the package, rather apply the pure detergent, leave it for 15-30 minutes, rub with soft or lightly abrasive pads (white, yellow, red), then rinse thoroughly with water.

USEFUL REFERENCES

MAPEI Spa, via Cafiero 22, 20158 Milano – ITALY - Tel. +39 02/37673 – www.mapei.it

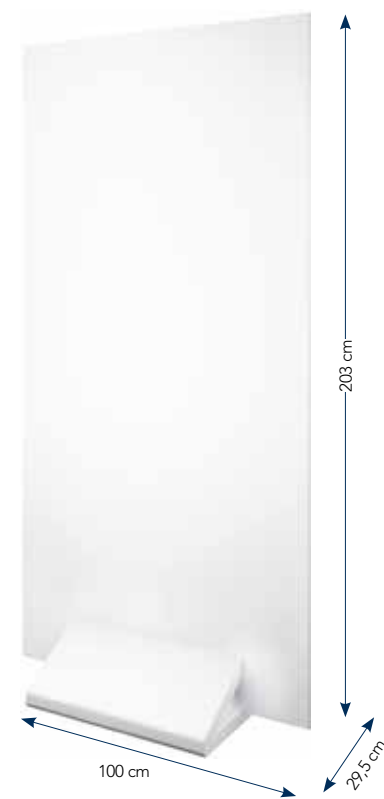
FABERCHIMICA Srl, via G. Ceresani 10 – località Campo d'Olmo 60044 Fabriano (AN) – ITALY - Tel. +39 0732/627178
www.faberchimica.com

FILA Industria Chimica Spa, via Garibaldi 32, 35018 S. Martino dei Lupari (PD) - ITALY - Tel. +39 049/9467300 – www.filachim.it

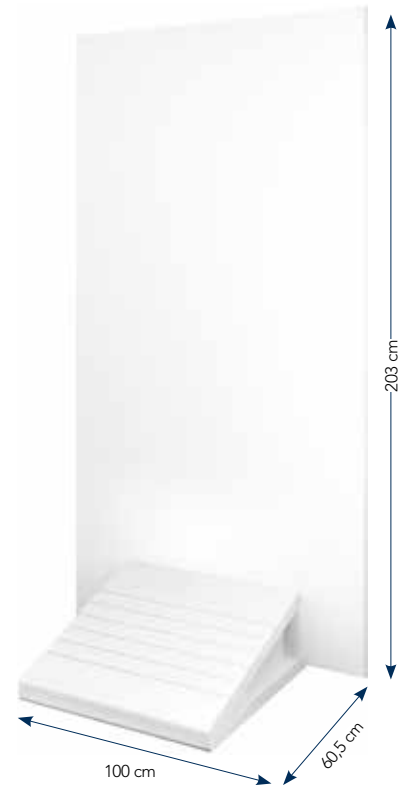
ZEP Italia Srl, via Nettunese Km 25,000 – 04011 Aprilia (LT) – ITALY - Tel. +39 06/926691 – www.zepitalia.it

Merchandising

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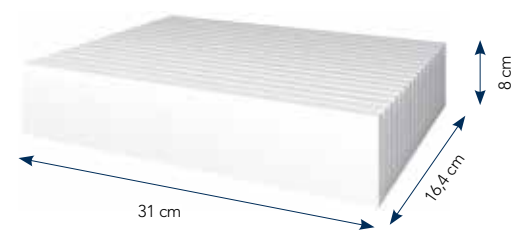
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