Bellissimo

STILE ITALIANO

General Catalogue 2020

Blustyle COTTOD'ESTE LEA Pana



Collections 2020

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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.

AMERICA PORTUGAL 10% **GROUP PLANTS COMMERCIAL REPRESENTATIVES** PANARIAGO Blustyle COTTO D'ESTE L'EA Panaria GRES PANARIA LOVE MARGRES PANARIA GROUP FORIGATI Bellissimo PANARIAGROUP

Highlights

Panariagroup has a presence in over 100 countries in the world

The group positions itself in the high-luxury market segment

4 | Company overview General catalogue | 5

Panariagroup in the world



∃ Variante di valico

Badia Nuova - Aglio (ITALY)

COTTO D'ESTE



H ATL Tower

MUMBAI (INDIA) - Design Acces Architects

Panaria



MILANO (ITALY) - Studio Design Stefano Boeri, COTTO D'ESTE LEA Gianandrea Barreca, Giovanni La Varra



Hyatt Regency

Lucknow (NORTH INDIA) - Design Consultants SDN BHD Bellissimo



⊞ Ermenegildo Zegna Head Office

MILAN (ITALY) - Design Antonio Citterio and Partners COTTO D'ESTE



Hamad International Airport

DOHA (QATAR) - Design Antonio Citterio, COTTO D'ESTE Patricia Viel Interiors



Bellissimo

⊞ State Bank of India

LUCKNOW (INDIA)



⊞ Changi International Airport

SINGAPORE - Design Schmitz Corporation

LEA

6 | Bellissimo General catalogue | 7

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







PR()TECT

To live healthy, safe and secure

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



POWERFUL ACTION eliminates microbes and prevents their reproduction



CONTINUOUS PROTECTION always active, 24 hours a day, with and without sunlight



ETERNAL EFFECTIVENESS thanks to the technology permanently integrated into the product



GUARANTEED QUALITY by the partnership with

MICROBAN[®]

protect.panariagroup.it

10 | Company overview General catalogue | 11

The best of Italy, the best of India

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.



Blustyle Ceramica is the trademark representing a new generation of products, which combine top quality with the best price, thanks to a careful sales and organisation policy. Products are manufactured with great concern for the environment and using carefully selected raw materials.

COTTO D'ESTE

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.

Arborea



Blustyle

Sku's: 2 / Colors: 2 Format: 15x120 cm

Assi d'Alpe



Panaria

Sku's: 4 /Colors: 4 Format: 20x90.5

Basaltina Stone Project



LEA

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

Bourgogne



Blustyle

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

Cliffstone



LEA

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

Discover



Panaria

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

General catalogue | 13 12 | Company overview

Dreaming



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

Limestone



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

Calacatta



Bellissimo Format: 60x60 / 60x120

Concrete Texture



['] Bellissimo

Sku's: 8 / Colors: 4 Format: 60x60 / 60x120

Metropolis

LEA

LEA



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

Nova

COTTO D'ESTE



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

Epic Stone



Bellissimo

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

Sku's: 6 / Colors: 1

Industrial Cem



Bellissimo

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

Luxury



Bellissimo

Sku's: 32 / Colors: 8 Format: 60x60 / 60x120

Marble Stone



Bellissimo

Sku's: 16 / Colors: 4 Format: 60x60 / 60x120 cm General catalogue | 15

Marfil



| Sku's: 6 / Colors: 1 | Bellissimo | Format: 60x60 / 60x120

Maxi



Sku's: 8 / Colors: 8 Format: 80x160

Statuario



Sku's: 6 / Colors: 1 **Bellissimo** Format: 60x60 / 60x120

Tracks



Bellissimo

Sku's: 8 / Colors: 4 Format: 60x60 / 60x120 cm

Onyx

Bellissimo

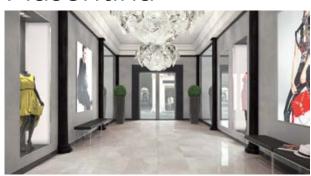
Bellissimo



Sku's: 9 / Colors: 3 Format: 60x60 / 60x120

Piasentina

Bellissimo



Sku's: 18 / Colors: 3

Bellissimo
Format: 60x60 / 60x120

Travertini



Bellissimo

Sku's: 16 / Colors: 4 Format: 60x60 / 60x120 cm

Precious Stone



Sku's: 18 / Colors: 3 Format: 60x60 / 60x120

Sandstone



Sku's: 9 / Colors: 3 **Bellissimo** Format: 30x60 / 60x60 / 60x120

16 | Italian Collections General catalogue | 17







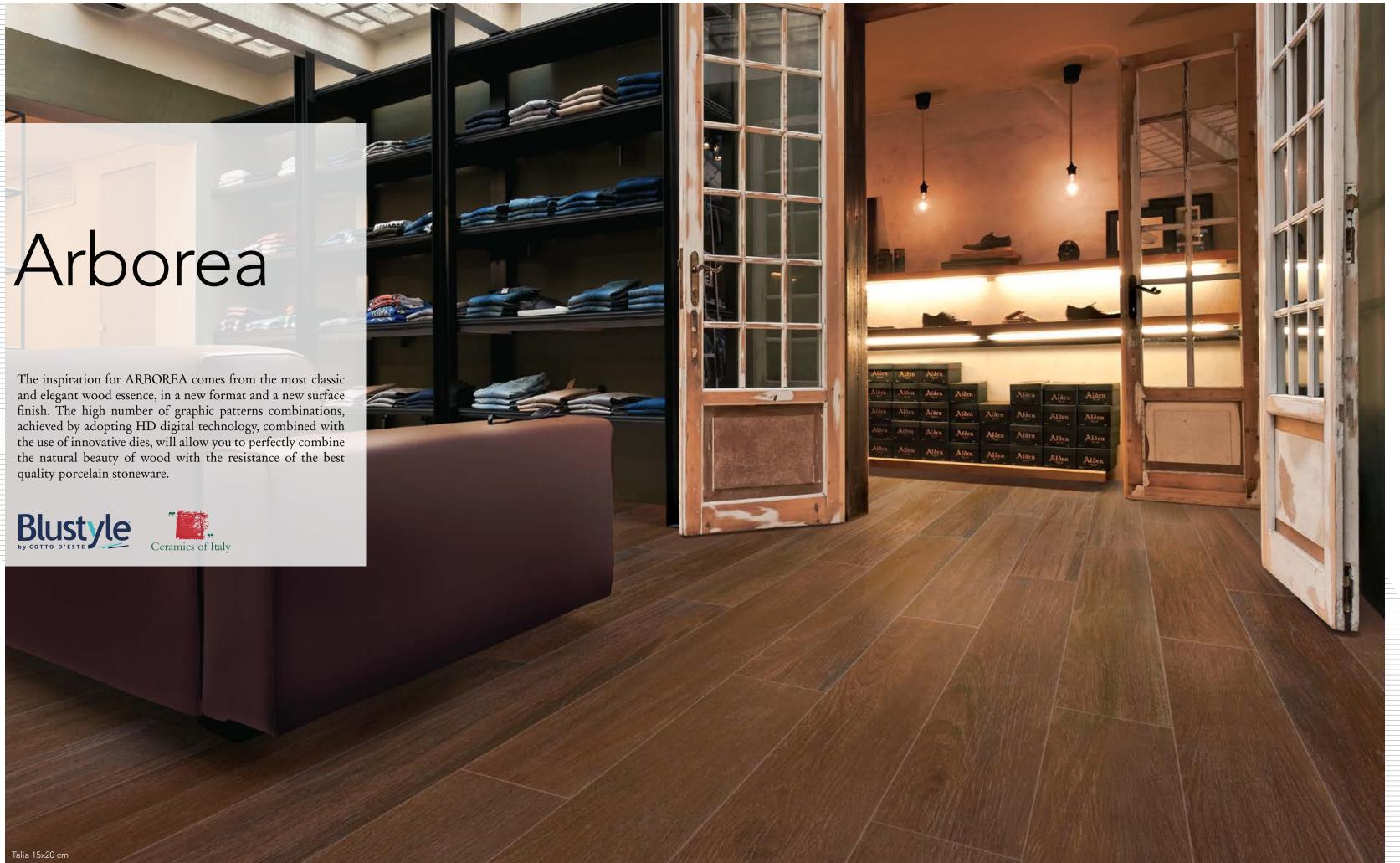






Made in Ttaly Collections

18 | Arborea General catalogue | 19





Arborea

Talia



15x120 cm *rect*. **★** 11 mm

Danae



15x120 cm rect.

₹11 mm

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

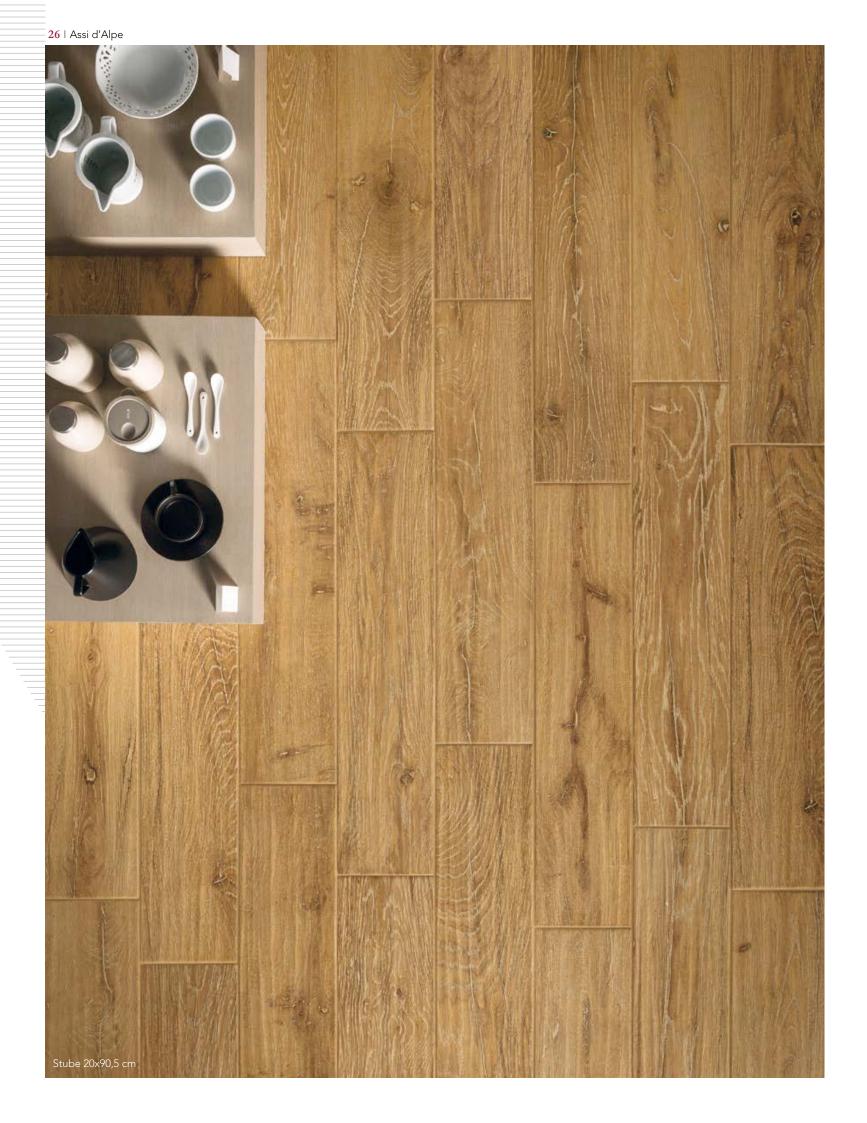
22 | Assi d'Alpe General catalogue | 23



24 | Assi d'Alpe General catalogue | 25







Assi d'Alpe

Chalet



20x90,5 cm **★** 11 mm

Badia



20x90,5 cm **₹** 11 mm

Stube



20x90,5 cm **₹** 11 mm

Maso



20x90,5 cm **₹** 11 mm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RES	SLIP RESISTANCE		FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
			<u> </u>	X	4			3
V2 V3 Chalet Stube Badia Maso	.,	≥ 3000 N	≤ 145 mm³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

28 | Basaltina Stone Project General catalogue | 29

Basaltina Stone Project

The hard, intrinsic power of stone.

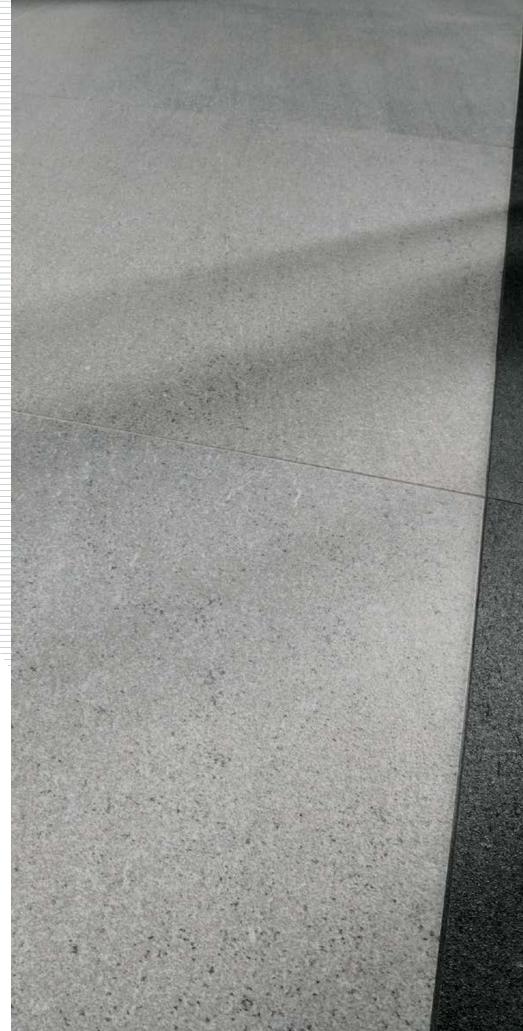
The power of earth crystallizes in lava stone. Basalt rock, made of heat, ashes, gas and energies thousands of years old. Its natural grey comes back to life again in ceramics, taking on new tones and variations. It fills spaces with subtle style, as every vein holds a story within.







30 | Basaltina Stone Project General catalogue | 31





32 | Basaltina Stone Project



Basaltina Stone Project

Naturale







60x120 cm *rect.* **₹** 12 mm

Lappata



60x60 cm rect. **₹** 11 mm



Sabbiata Velvet





60x120 cm *rect*. **★** 12 mm

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
			<u> </u>	X	3		*****	3
V3	≤ 0,04 %	≥ 3600 N (1,2 cm) ≥ 3000 N (1,1 cm)	≤ 145 mm³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)



36 | Bourgogne General catalogue | 37







Bourgogne

Clair



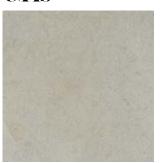
60x60 cm Adoucì rect. ₹ 10 mm

Dore



60x60 cm Adoucì rect. ₹ 10 mm

Gris



60x60 cm Adoucì rect. **₹** 10 mm

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
			<u> </u>			3
V3	≤ 0,04 %	≥ 2500 N	≤ 145 mm³	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Cliffstone

PR()TECT

ANTIBATTERICO - ANTIMICROBIAL

Stone effect slabs that reproduce the veins and characteristics of stone. Different veining for each individual piece, artificial markings that overlay the consistency of the material. The essence of each collection is not in the single piece but in the movement created on the surface. The range of possible uses are easy to imagine especially by designers and confer a creative freedom in architectural design that ensures extensive personalisation.

LEA

Taupe Moher 60x120 cm Lapp.







PR()TECT ANTIBATTERICO - ANTIMICROBIAL

White Dover



60x120 cm *Lapp. rect.* **★** 11 mm

Beige Madeira



Taupe Moher



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
			<u>\$</u>		****	3
V2	≤ 0,04 %	≥ 2500 N	≤ 145 mm³	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Discover

PR()TECT

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.





General catalogue | 47





Discover

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

Sun







60x120 cm *rect.* **₹** 11 mm

White



60x60 cm *rect*. **★** 10 mm



60x120 cm *rect*. **★** 11 mm

Plan

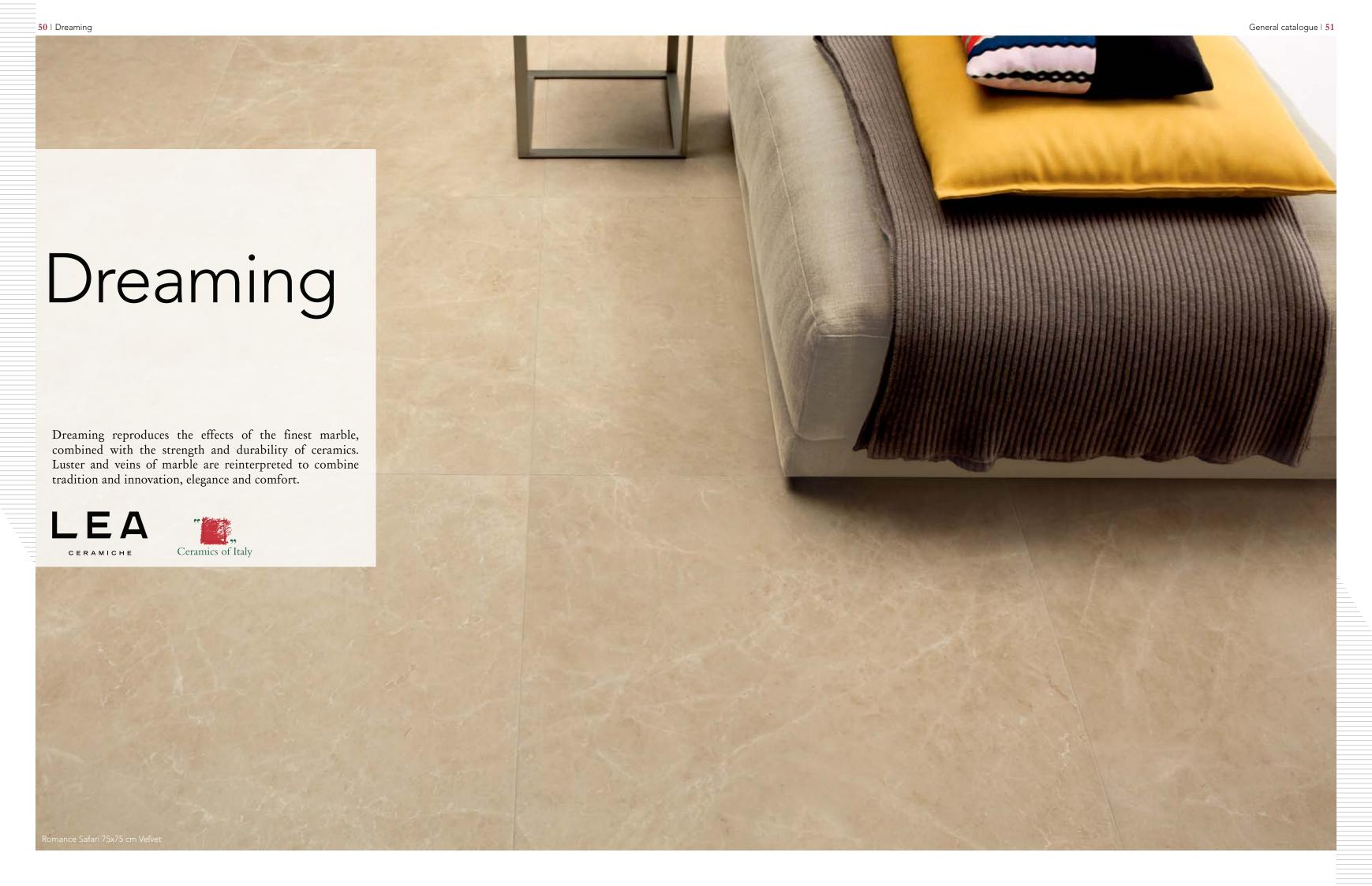


60x60 cm *rect*. **★** 10 mm



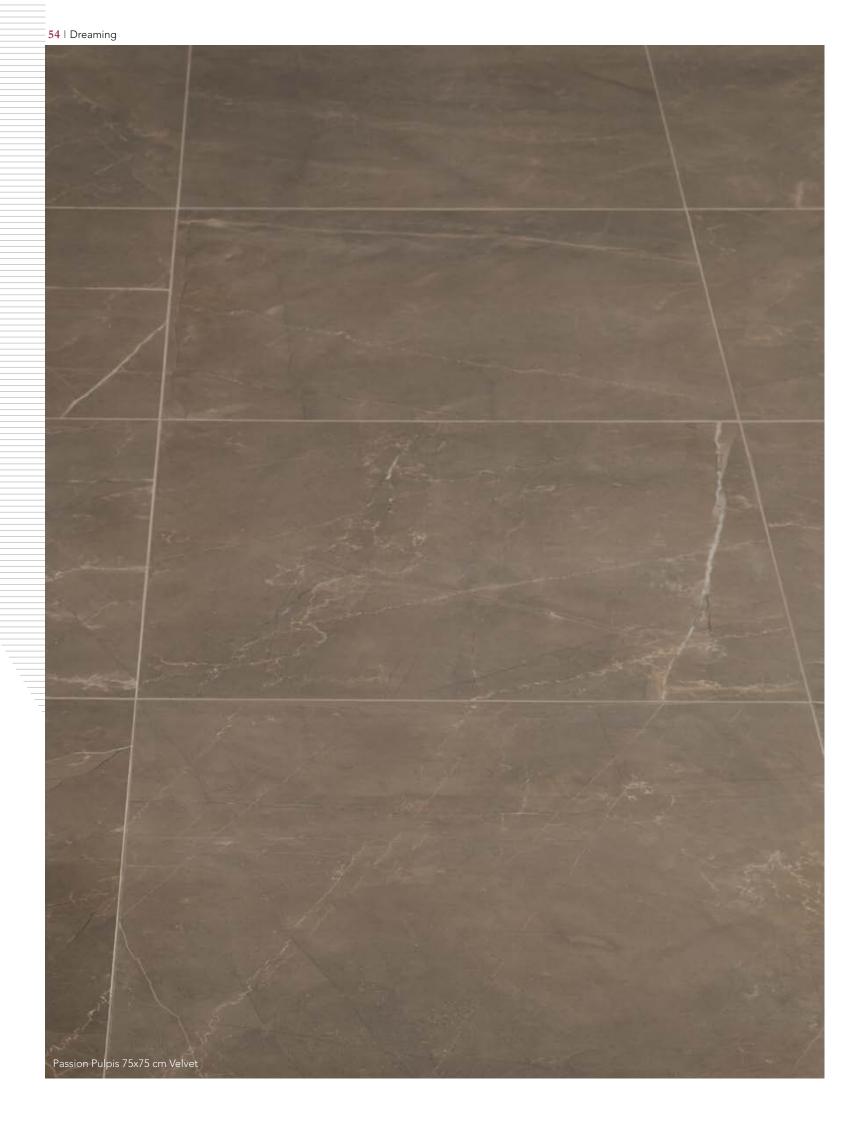
60x120 cm *rect.* **★** 11 mm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RES	SLIP RESISTANCE		FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
			<u> </u>	X	3		**************************************	3
V2	≤ 0,04 %	≥ 3000 N (1,1 cm) ≥ 2500 N (1 cm)	≤ 145 mm³	DIN 51130 R9	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)



52 | Dreaming General catalogue | 53





Dreaming

Crystal White



75x75 cm Velvet rect. ★ 11 mm

Romance Safari



75x75 cm *Velvet rect.* **★** 11 mm

Passion Pulpis



75x75 cm *Velvet rect.* **★** 11 mm

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
					3
V3	≤ 0,04 %	≥ 3000 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Limestone

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

Limestone is the first Cotto d'Este collection produced with an innovative high resolution ink-jet printing system that produces 3 dimensional graphics with a level of detail and precision that was not possible until now Limestone is produced with Micobran® antibacterial technology.



Oyster 60x120cm Honed



58 | Limestone General catalogue | 59







Limestone

PR()TECT

Clay



60x120 cm Honed rect. ₹ 14 mm

Amber



60x120 cm Honed rect. ₹ 14 mm

Oyster



60x120 cm Honed rect. ₹ 14 mm

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
			<u> </u>		****	3
V3	≤ 0,04 %	≥ 5000 N	≤ 145 mm³	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

Metropolis

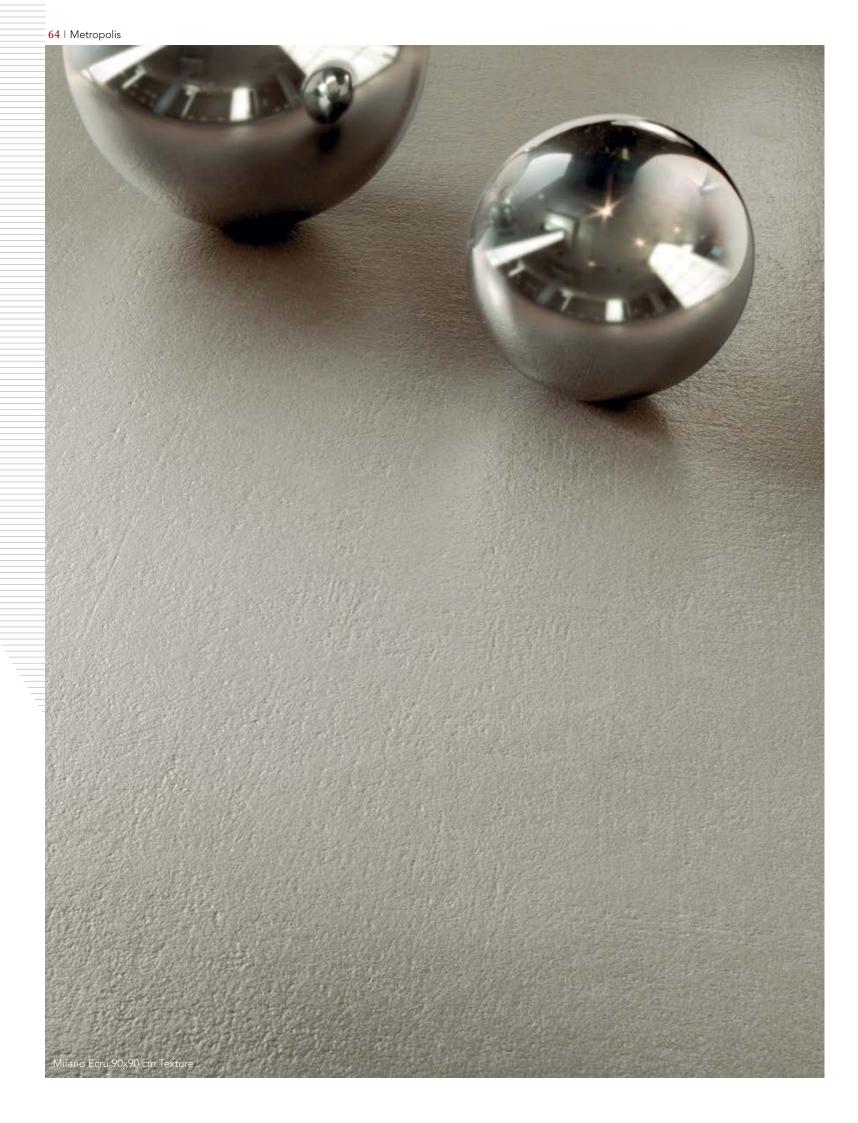
Return to material texture, in all its simplicity and purity.

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.





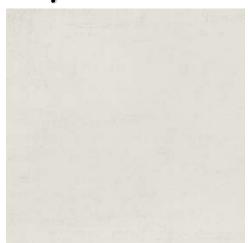
Shanghai Iron 90x90 cm Texture



Metropolis

PR()TECT

Tokyo White



90x90 cm Texture rect. ₹ 11 mm

Milano Ecru



90x90 cm Texture rect. **₹** 11 mm

Shanghai Iron



90x90 cm Texture rect. **₹**11 mm

Rio Coffee



90x90 cm Texture rect. **₹** 11 mm

SHADE VARIATION	WATER ABSORPTION	BREAKING STRENGTH (S) ISO 10545-4	DEEP ABRASION ISO 10545-6	SLIP RES	ISTANCE	CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14
			<u> </u>	K			******	3
V3	≤ 0,04 %	≥ 3000 N	≤ 145 mm³	DIN 51130 R10	BCR Tortus > 0.40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

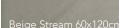
Nova PR() TECT ANTIBATTERICO - ANTIMICROBIAL

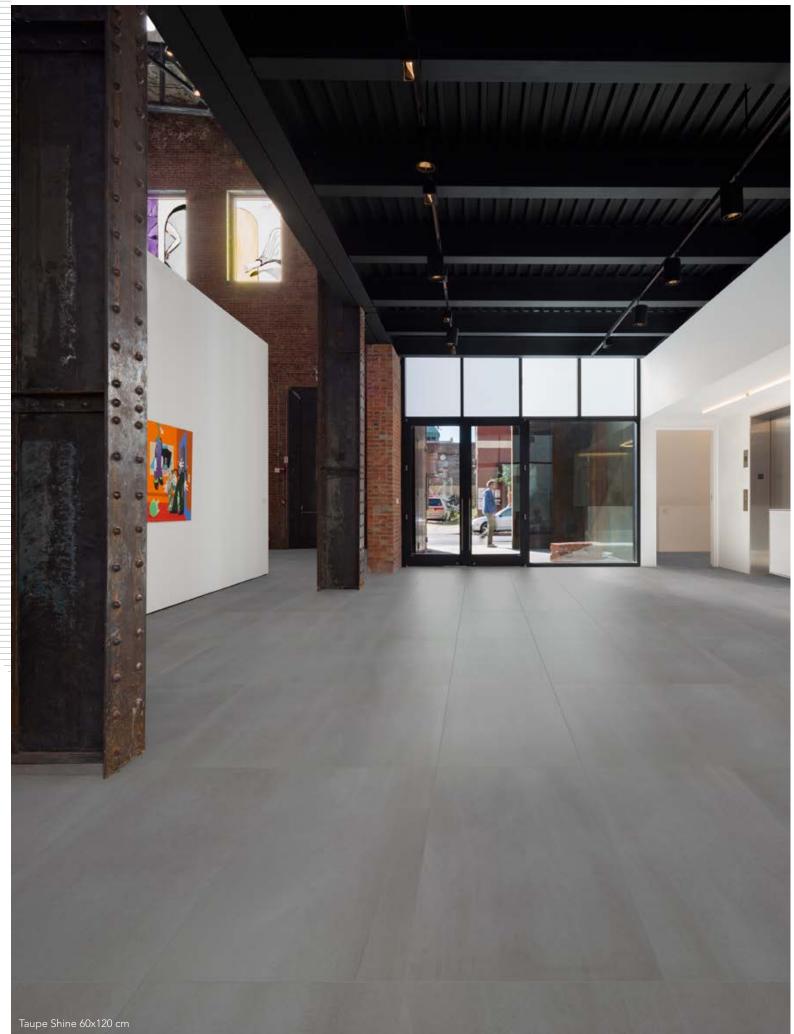
Available in 2 sizes, with neutral colours that are both contemporary and classic, this collection is ideal for any environment. Natural elegance.
Subtle motion and delicate veins, created by means of the

digital printing technique, characterise Nova









Nova

PR()TECT ANTIBATTERICO - ANTIMICROBIAL

Taupe Shine







60x120 cm rect. **₹** 10 mm

Beige Stream



60x60 cm rect. **₹** 10 mm



60x120 cm rect. **₹** 10 mm

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
			<u> </u>	K		A	→	3
V2	≤ 0,04 %	≥ 2500 N	≤ 145 mm³	DIN 51130 R10	BCR Tortus > 0,40	ULA UHA (Resistant)	Resistant	Class 5 (Resistant)

70 | Indian Collections General catalogue | 71





Made in India Collections

72 | Calacatta General catalogue | 73 Calacatta With its delicate veins and soft tones, marble confers lightness when covering any environment. The light reflects on the polished stone and gives a breath of fresh air to the space, amplifying it with unique style and a sensation of freedom. Bellissimo acatta 60x120 cm Polished



Calacatta

Calacatta



60x60 cm Vitrified - Polished rect. ★ 8,25 mm

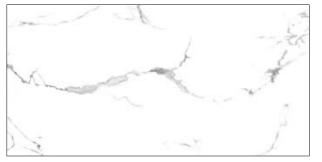


60x120 cm Vitrified - Polished rect. ★ 9,5 mm

Calacatta



60x60 cm Vitrified - Satin rect. **★** 8,25 mm



60x120 cm Vitrified - Satin rect. ★9,5 mm

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
				**************************************	3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

76 | Concrete Texture General catalogue | 77

Concrete Texture

The evolution of matter.
Surfaces that recall cement marked by graphical textures that create a new mood in spaces with a completely new appeal.

Bellissimo

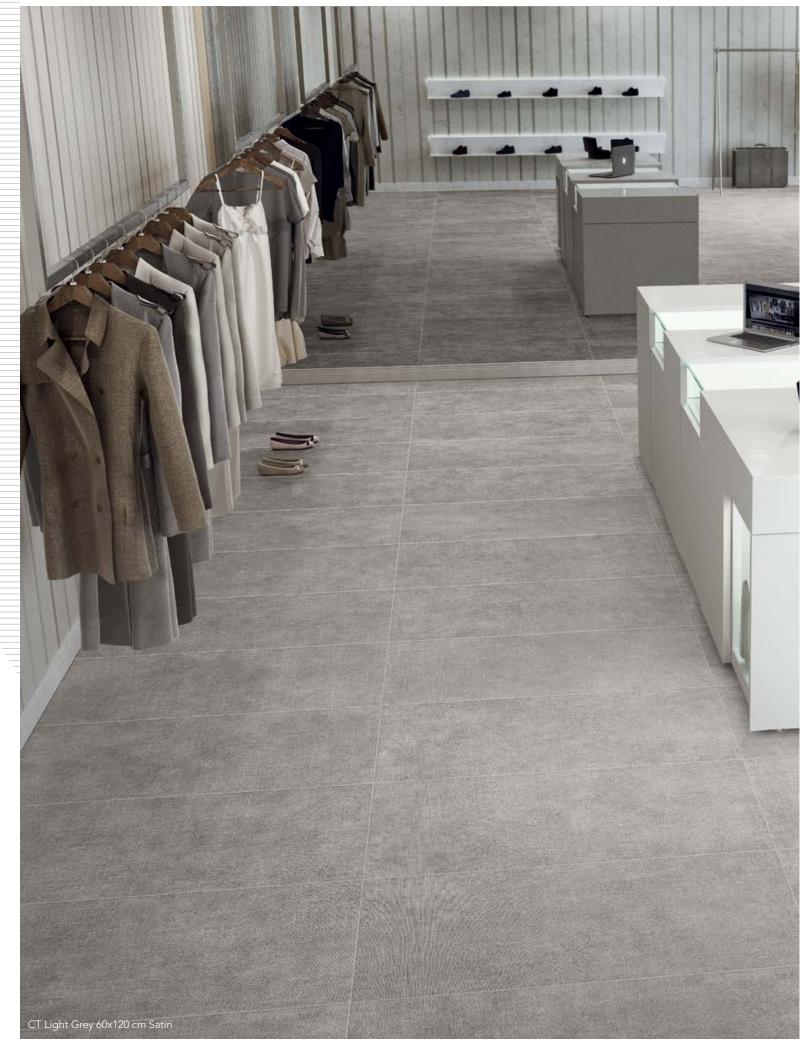
CT Grey 60x120 cm Satin

General catalogue | 79



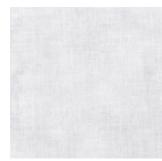


80 | Concrete Texture



Concrete Texture

CT White



60x60 cm Vitrified - Satin rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. **★** 8,25 mm



60x60 cm Vitrified - Satin rect.





60x120 cm Vitrified - Satin rect. ★9,5 mm



60x120 cm Vitrified - Satin rect. ₹ 9,5 mm



60x120 cm Vitrified - Satin rect. ★9,5 mm

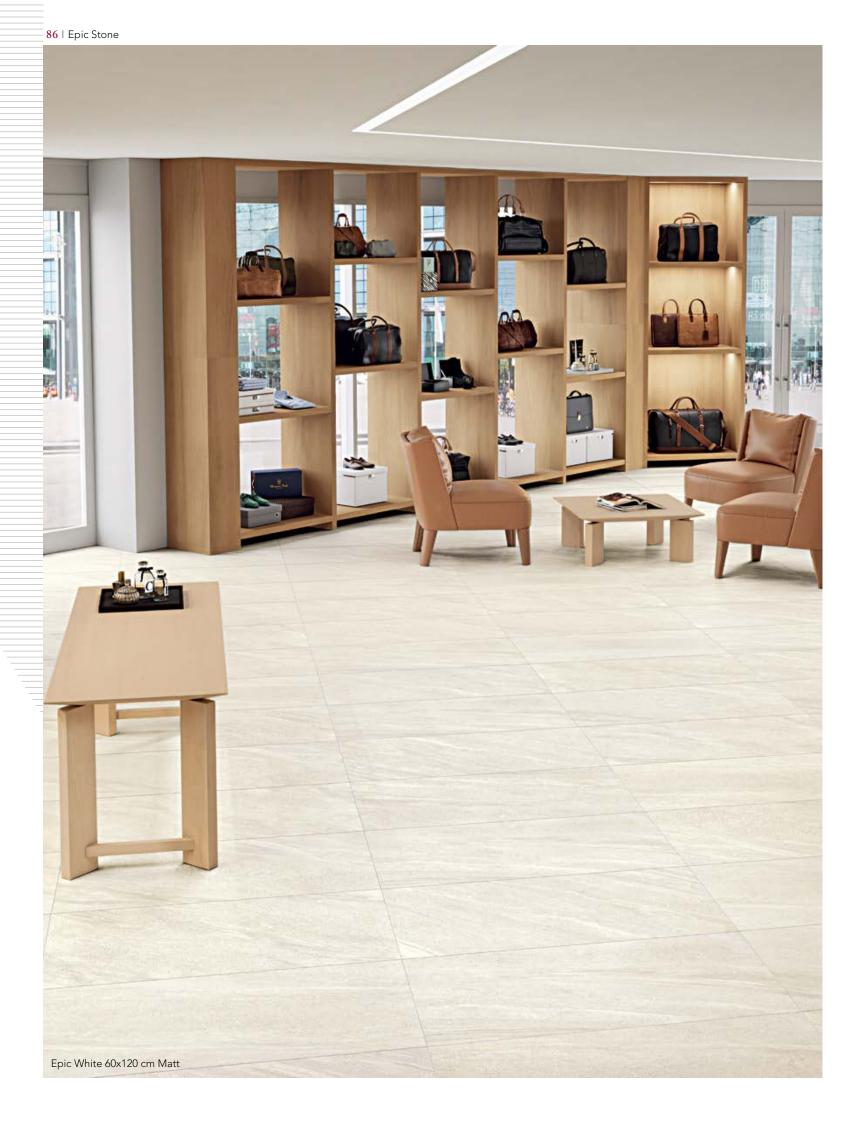


60x120 cm Vitrified - Satin red ₹9,5 mm

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
			A		3
V2	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)





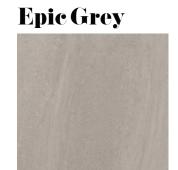


Epic Stone

Epic White



60x60 cm Vitrified - Matt rect. **₹** 8,25 mm



60x60 cm Vitrified - Matt rect. ₹ 8,25 mm



60x60 cm Vitrified - Matt rect. ₹ 8,25 mm



60x120 cm Vitrified - Matt rect. ★ 9,5 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm



60x120 cm Vitrified - Matt rect. ₹ 9,5 mm

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
				>	3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Cem Light Grey 60x120 cm Matt

90 | Industrial Cem General catalogue | 91



92 | Industrial Cem



Industrial Cem

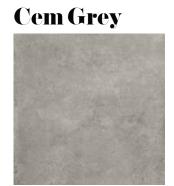
Cem White



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x120 cm Vitrified - Matt rect. ₹ 9,5 mm





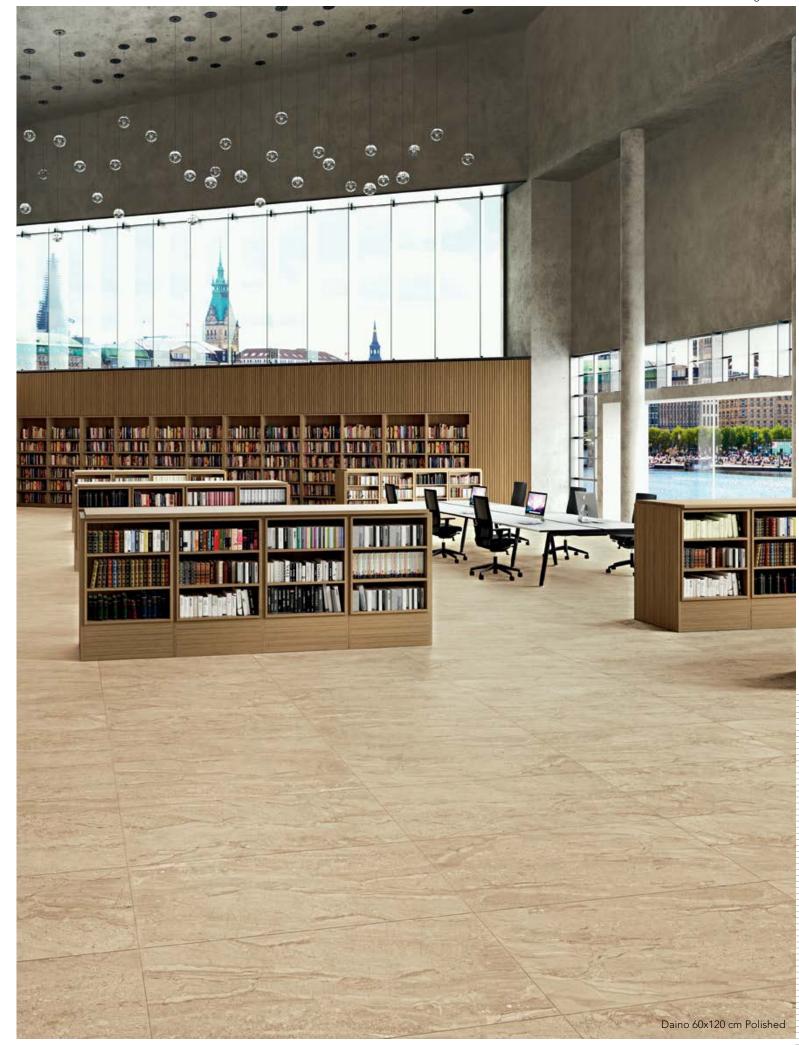
60x120 cm Vitrified - Matt rect. ₹ 9,5 mm

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
					3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

General catalogue | 95 94 | Luxury Luxury We have reproduced the timeless charm of marble to create living environments with an elegant and exclusive atmosphere. Bellissimo Crosscut Silver 60x60 cm Satin

General catalogue | 97









General catalogue | 103





104 | Luxury General catalogue | 105

Luxury

Crosscut White



60x60 cm Vitrified - Polished rect. **₹** 8,25 mm



60x60 cm Vitrified - Satin rect. ₹ 8,25 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Satin rect. ₹ 8,25 mm



60x120 cm Vitrified - Polished rect. 60x120 cm Vitrified - Satin rect. ₹9,5 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm



60x120 cm Vitrified - Polished rect. ₹9,5 mm



₹9,5 mm

₹9,5 mm





₹9,5 mm



₹9,5 mm



₹9,5 mm



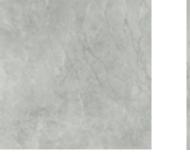
₹9,5 mm

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
					3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

106 | Luxury General catalogue | 107

Luxury

Blu Savoia



60x60 cm Vitrified - Polished rect. **₹** 8,25 mm

60x120 cm Vitrified - Polished rect.

₹9,5 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm

60x120 cm Vitrified - Satin rect.

₹9,5 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Satin rect. ₹ 8,25 mm



60x120 cm Vitrified - Polished rect. ₹9,5 mm



60x120 cm Vitrified - Satin rect. ₹9,5 mm





60x60 cm Vitrified - Polished rect. ₹8,25 mm

60x120 cm Vitrified - Polished rect.

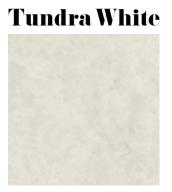
₹9,5 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm

60x120 cm Vitrified - Satin rect.

₹9,5 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Satin rect. ₹ 8,25 mm



60x120 cm Vitrified - Polished rect. ₹9,5 mm



60x120 cm	Vitrified - Satin rect.
₹ 9,5 mm	

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
					3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

MS Light Grey 60x120 cm Polished

110 | Marble Stone General catalogue | 111

Marble Stone

MS White



60x60 cm Vitrified - Polished rect. ₹8,25 mm

60x120 cm Vitrified - Polished rect.

₹9,5 mm



60x60 cm Vitrified - Matt rect. ₹8,25 mm

60x120 cm Vitrified - Matt rect.

₹9,5 mm



MS Beige

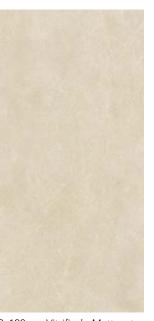
60x60 cm Vitrified - Polished rect. ₹8,25 mm







60x120 cm Vitrified - Polished rect. ₹9,5 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

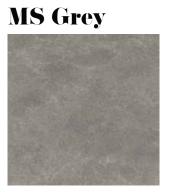




60x60 cm Vitrified - Polished rect. ₹8,25 mm



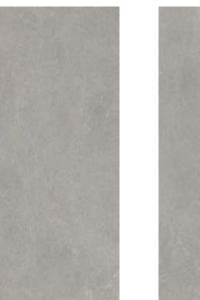
60x60 cm Vitrified - Matt rect. ₹8,25 mm



60x60 cm Vitrified - Polished rect. ₹8,25 mm



60x60 cm Vitrified - Matt rect. ₹8,25 mm



60x120 cm Vitrified - Polished rect. ₹9,5 mm ₹9,5 mm



60x120 cm Vitrified - Matt rect. 60x120 cm Vitrified - Polished rect. ₹9,5 mm



60x120 cm Vitrified - Matt rect.

₹9,5 mm

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
					3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

Marfil 60x120 cm Polished



Marfil

Marfil



60x60 cm Vitrified - Polished rect. **★** 8,25 mm



60x120 cm Vitrified - Polished rect. ₹ 9,5 mm

Marfil



60x60 cm Vitrified - Satin rect. **★** 8,25 mm



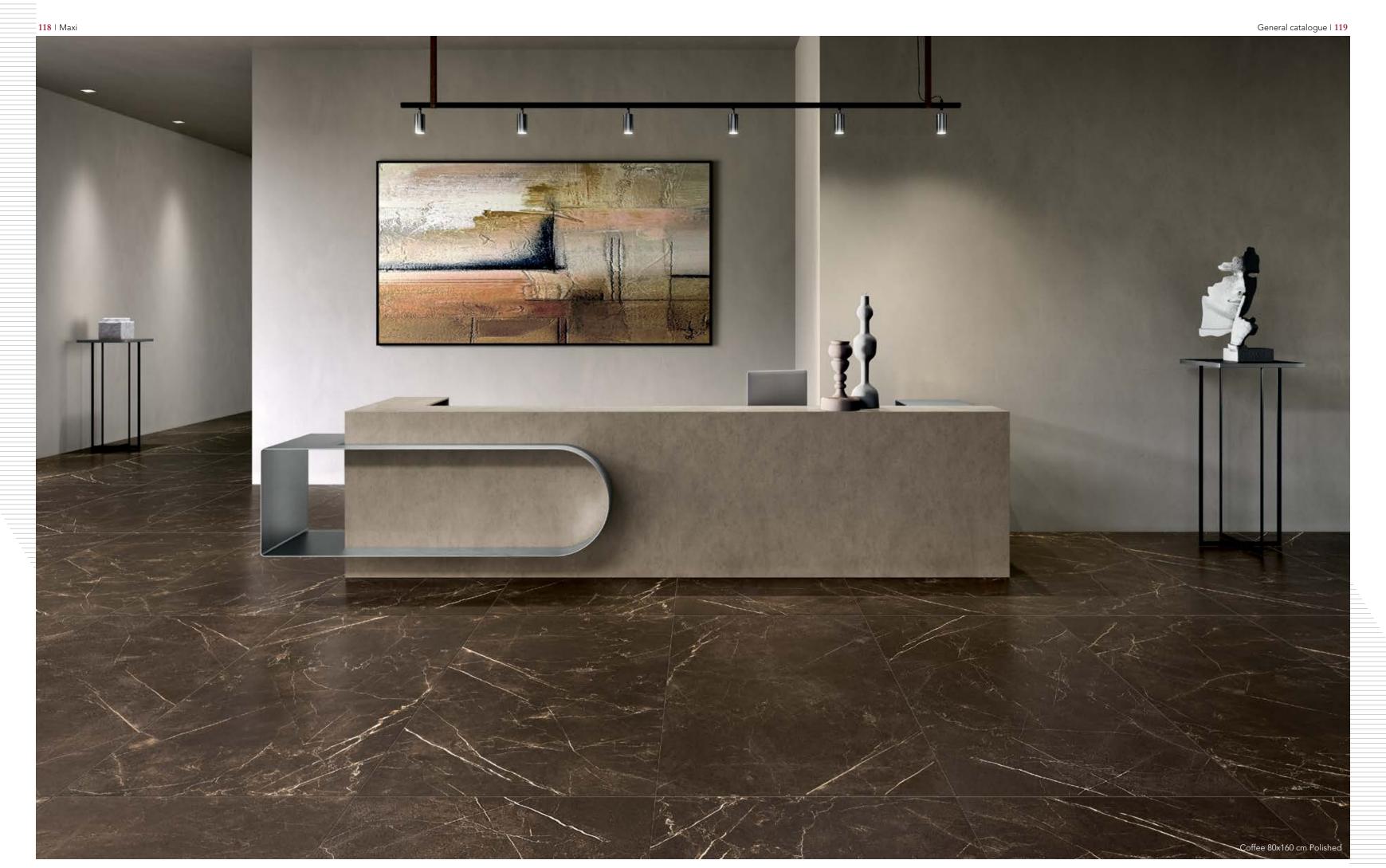
60x120 cm Vitrified - Satin rect.

★ 9,5 mm

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
			A		3
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

116 | Maxi General catalogue | 117





General catalogue | 121 **120** | Maxi





124 | Maxi General catalogue | 125

Maxi

Kenya Nero



80x160 cm Vitrified - Polished rect.

Coffee



80x160 cm Vitrified - Polished rect.

★9,5 mm

Breccia



80x160 cm Vitrified - Polished rect. ₹9,5 mm

Moca



80x160 cm Vitrified - Polished rect. ₹9,5 mm

Onice



80x160 cm Vitrified - Polished rect.

★ 9,5 mm

Ash



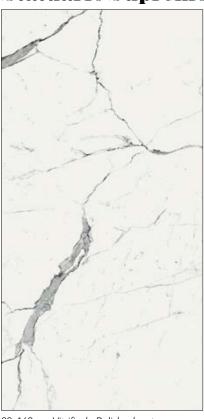
80x160 cm Vitrified - Polished rect.

★9,5 mm

Statuario Royal



Statuario Supremo



80x160 cm Vitrified - Polished rect. ★9,5 mm

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
				**************************************	*
V4	< 0,2 %	>= 2000 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

General catalogue | 127 **126** ∣ Onyx Onyx The thin vibrant veins of Onyx brighten any space and decorate the surfaces with the energy of stone. The natural elegance of this mineral is suitable for any type of coating. Its characteristic colours clad environments and bring out its best qualities. Bellissimo stile Italiano

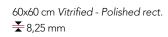
Onyx White 60x120 cm Polished



Onyx

Onyx White







60x120 cm Vitrified - Polished rect. ₹ 9,5 mm

Onyx Beige



60x60 cm Vitrified - Polished rect. **★** 8,25 mm



60x120 cm Vitrified - Polished rect. ₹9,5 mm

Onyx Grey

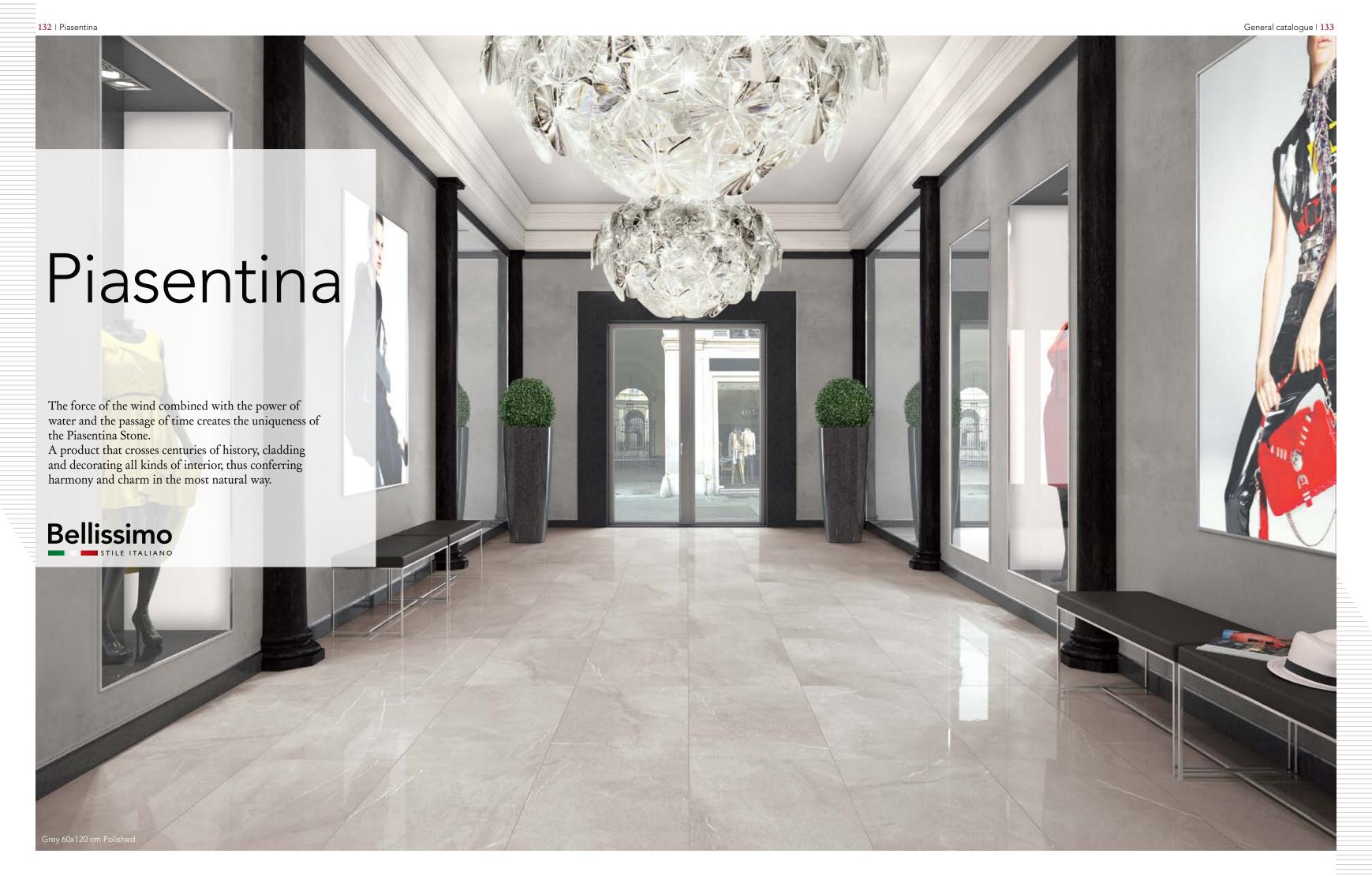


60x60 cm Vitrified - Polished rect. **★** 8,25 mm



60x120 cm Vitrified - Polished rect. ★ 9,5 mm

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	
					3	
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)	



General catalogue | 135



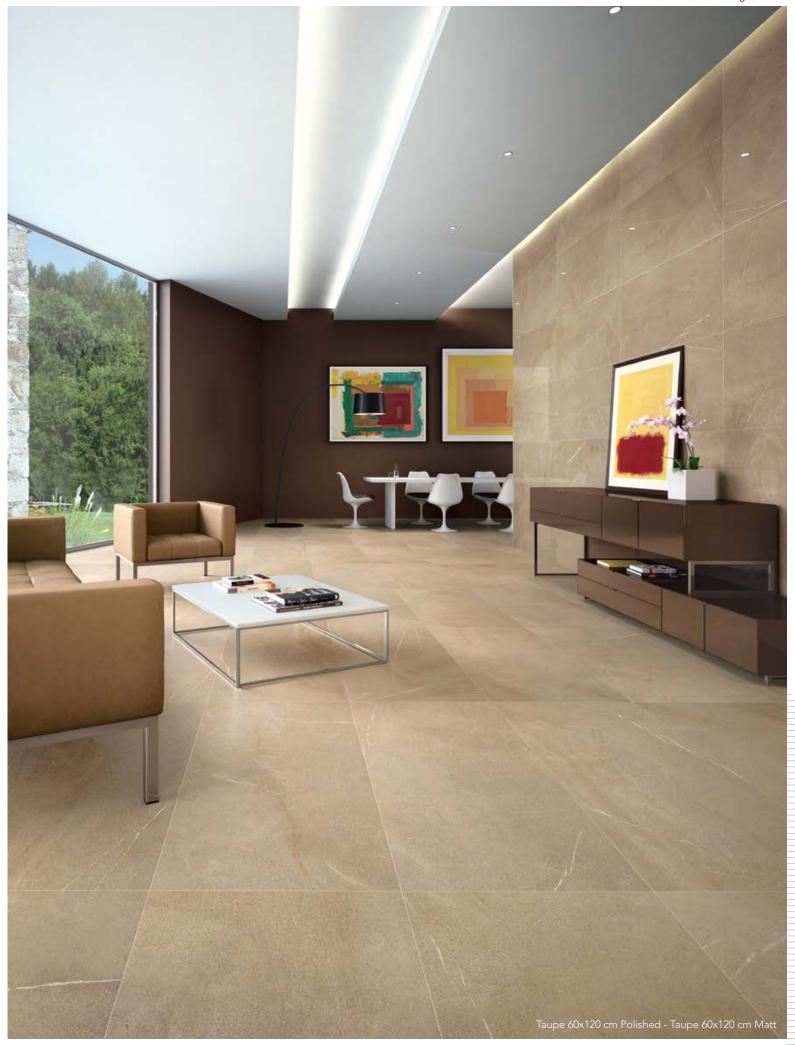


Table 136 | Piasentina General catalogue | 137

Piasentina

Beige



60x60 cm Vitrified - Polished rect.



60x120 cm Vitrified - Polished rect. ★9,5 mm

Taupe



60x60 cm Vitrified - Polished rect.



60x120 cm Vitrified - Polished rect. ₹9,5 mm

Grey



60x60 cm Vitrified - Polished rect. ★ 8,25 mm



60x120 cm Vitrified - Polished rect.

★9,5 mm

Beige



60x60 cm Vitrified - Matt rect. ₹8,25 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

Taupe



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

Grey



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

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	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)

140 | Precious Stone General catalogue | 141





142 | Precious Stone General catalogue | 143

Precious Stone

Bianco



60x60 cm Vitrified - Polished rect.



60x120 cm Vitrified - Polished rect. ₹9,5 mm

Beige



60x60 cm Vitrified - Polished rect.



60x120 cm Vitrified - Polished rect. ₹9,5 mm

Greige



60x60 cm Vitrified - Polished rect. ★ 8,25 mm



60x120 cm Vitrified - Polished rect.

★ 9,5 mm

Bianco



60x60 cm Vitrified - Matt rect. **★** 8,25 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

Beige



60x60 cm Vitrified - Matt rect. **₹** 8,25 mm



60x120 cm Vitrified - Matt rect. ★9,5 mm

Greige



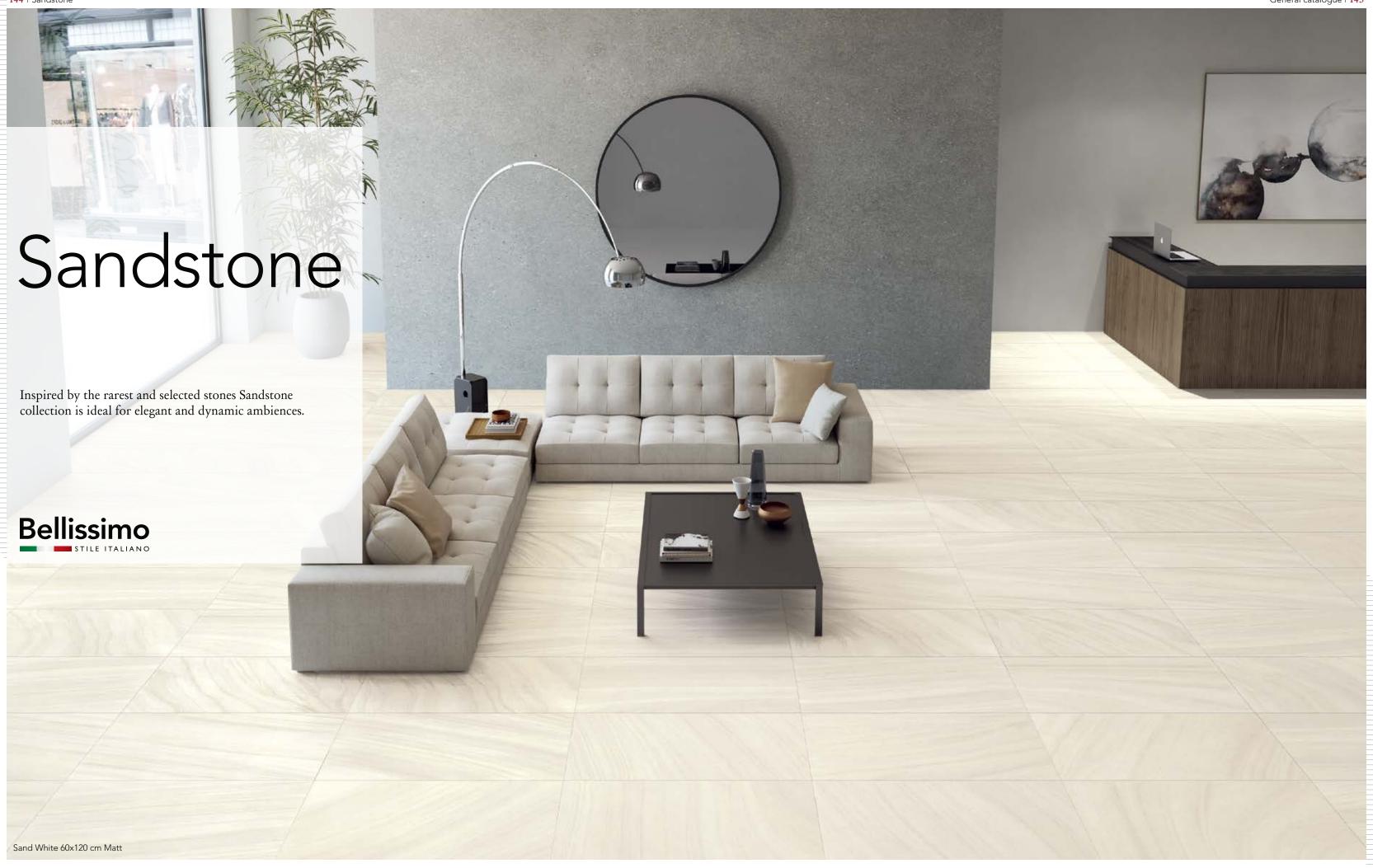
60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

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	
100					3	
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)	

144 | Sandstone General catalogue | 145



146 | Sandstone General catalogue | 147

Sand Beige 60x120 cm Matt



Sandstone

Sand White



*30x60 cm Vitrified - Matt rect. **₹** 8,25 mm



*30x60 cm Vitrified - Matt rect. ★ 8,25 mm



*30x60 cm Vitrified - Matt rect.





60x60 cm Vitrified - Matt rect. **★** 8,25 mm



60x60 cm Vitrified - Matt rect. ★ 8,25 mm



60x60 cm Vitrified - Matt rect. **★** 8,25 mm



60x120 cm Vitrified - Matt rect. ₹ 9,5 mm



60x120 cm Vitrified - Matt rect. ★9,5 mm



60x120 cm Vitrified - Matt rect. ₹9,5 mm

^{*30}x60 available a on minimum quantity requeste to discuss with the management

SHADE WATER VARIATION ABSORPTION		BREAKING STRENGTH (S) CHEMICAL RESISTAN ISO 10545-4 ISO 10545-13		FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14		
					3		
V4	< 0,2 %	>= 2000 N	Resistant	Resistant	Class 5 (Resistant)		

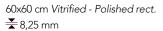


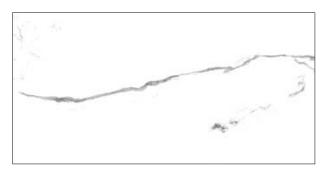
152 | Statuario Bianco Statuario 60x120 cm Polished

Statuario

Bianco Statuario







60x120 cm Vitrified - Polished rect. ₹9,5 mm

Bianco Statuario

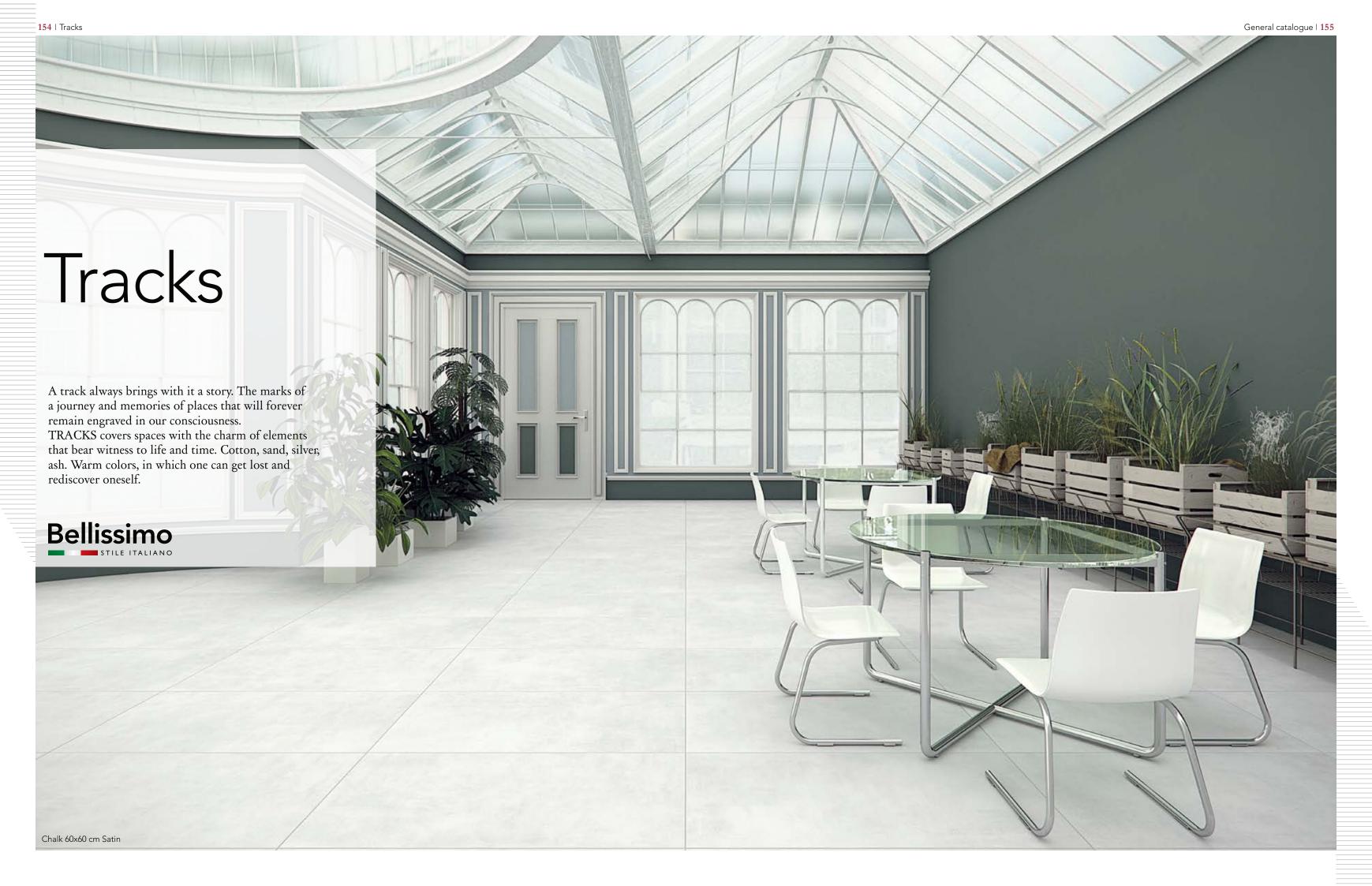


60x60 cm Vitrified - Satin rect. ★ 8,25 mm



60x120 cm Vitrified - Satin rect. ★9,5 mm

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
				**************************************	3
V2	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)



156 | Tracks



Tracks

Chalk



60x60 cm Vitrified - Satin rect. **★** 8,25 mm



60x120 cm Vitrified - Satin rect. ★9,5 mm

Desert



60x60 cm Vitrified - Satin rect. ★ 8,25 mm

60x120 cm Vitrified - Satin rect.

₹9,5 mm



60x60 cm Vitrified - Satin rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. ★ 8,25 mm





60x120 cm Vitrified - Satin rect. ₹9,5 mm



60x120 cm Vitrified - Satin rect. → 9,5 mm

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	
					3	
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)	





General catalogue | 163





Travertini General catalogue | 165

Travertini





60x60 cm Vitrified - Polished rect. ♣8,25 mm



60x60 cm Vitrified - Satin rect. ★ 8,25 mm



Beige

60x60 cm Vitrified - Polished rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. ★8,25 mm



Grey

60x60 cm Vitrified - Polished rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm



60x60 cm Vitrified - Polished rect. ★ 8,25 mm



60x60 cm Vitrified - Satin rect. ₹8,25 mm



60x120 cm Vitrified - Polished rect.



60x120 cm Vitrified - Satin rect. ★ 9,5 mm



60x120 cm Vitrified - Polished rect. ★ 9,5 mm



60x120 cm Vitrified - Satin rect. ₹ 9,5 mm



60x120 cm Vitrified - Polished rect. ₹ 9,5 mm



60x120 cm Vitrified - Satin rect.

★ 9,5 mm



60x120 cm Vitrified - Polished rect. ★ 9,5 mm



60x120 cm Vitrified - Satin rect. ★ 9,5 mm

SHADE VARIATION	-		CHEMICAL RESISTANCE ISO 10545-13	FROST RESISTANCE ISO 10545-12	STAIN RESISTANCE ISO 10545-14	
880						
V3	≤ 0,5 %	≥ 1300 N	GLA GHA (Resistant)	Resistant	Class 5 (Resistant)	

Teneral catalogue | 167

Packaging Made in taly

ARBOREA

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
15x120 cm	5,08	6	1,08	30,50	40	43,20	1220,00

ASSI D'ALPE

Sizes	1 pc.	Вох		Europallet			
	kg	pcs.	mq	kg	box	mq	kg
20x90,5 cm ₹ 11 mm	4,5	6	1,09	27,00	48	52,13	1296,00

BASALTINA STONE PROJECT

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x60 cm	8,75	4	1,44	35,00	24	34,56	840,00
60x120 cm	20,4	2	1,44	40,80	15	21,60	612,00

BOURGOGNE

Sizes	1 pc.	Вох		Europallet			
	kg	pcs.	mq	kg	box	mq	kg
60x60 cm ₹ 10 mm	8,25	4	1,44	33,00	32	46,08	1056,00

CLIFFSTONE

Sizes	1 pc.	Вох		Europallet			
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm ₹ 11 mm	17,75	2	1,44	35,50	15	21,60	532,50

DISCOVER

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x60 cm ₹ 10 mm	7,75	4	1,44	31,00	32	46,80	992,00
60x120 cm ₹ 11 mm	18,5	2	1,44	37,00	24	34,56	888,00

DREAMING

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
75x75 cm ₹ 11 mm	13,7	2	1,13	27,40	42	47,30	1150,80

LIMESTONE

Sizes	1 pc.		Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg	
60x120 cm ₹ 14 mm	23	1	0,72	23,00	21	15,12	483,00	

METROPOLIS

Sizes	1 pc.		Box			Europallet		E
	kg	pcs.	mq	kg	box	mq	kg	E
90x90 cm ₹ 11 mm	20	2	1,62	40,00	40	64,80	1600,00	E

NOVA

Sizes	1 pc.		Box			Europallet		Ε
	kg	pcs.	mq	kg	box	mq	kg	
60x60 cm ₹ 10 mm	8,12	4	1,44	32,50	32	46,10	1024,00	
60x120 cm ₹ 10 mm	17,75	2	1,44	35,50	15	21,60	532,50	

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Packaging



CALACATTA

=	Sizes	1 pc.		Box			Europallet	
		kg	pcs.	mq	kg	box	mq	kg
	60x120 cm Polished - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
	60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

CONCRETE TEXTURE

Sizes	1 pc.		Box			Europallet	
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm <i>Satin</i> ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm <i>Satin</i> ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

EPIC STONE

	Sizes	1 pc.		Вох			Europallet	
		kg	pcs.	mq	kg	box	mq	kg
Ξ	60x120 cm <i>Matt</i> ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
	60x60 cm <i>Matt</i>	6,88	4	1,44	27,50	36	51,84	1010,00

INDUSTRIAL CEM

Sizes	1 pc.		Box		Europallet			
	kg	pcs.	mq	kg	box	mq	kg	
60x120 cm <i>Matt</i> ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00	
60x60 cm <i>Matt</i> ★8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00	

LUXURY

Sizes	1 pc.		Вох		Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Polished - Satin 🛣 9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

Marble Stone

Sizes	1 pc.		Вох			Europallet			
	kg	pcs.	mq	kg	box	mq	kg		
60x120 cm Polished - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1165,00		
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00		

MARFIL

Sizes	1 pc.		Box		Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Polished - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

MAXI

Sizes	1 pc.		Box			Europallet		
	kg	pcs.	mq	kg	box	mq	kg	
80x160 cm <i>Polished</i> ₹9,5 mm	28	2	2,56	56,00	22	56,32	1292,00	

ONYX

Sizes	1 pc.		Box		Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Polished - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

PIASENTINA

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Polished - Matt ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm Polished - Matt $\stackrel{\bigstar}{=}$ 8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

PRECIOUS STONE

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Polished - Matt ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm <i>Polished</i> - <i>Matt</i> ₹ 8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

SANDSTONE

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm <i>Matt</i> ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm <i>Matt</i> ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00
30x60 cm <i>Matt</i> ₹8,25 mm	3,44	5	0,89	17,50	64	56,96	1148,00

STATUARIO

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm <i>Polished</i> - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00

TRACKS

Sizes	1 pc.	Вох			Europallet		
	kg	pcs.	mq	kg	box	mq	kg
60x120 cm Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00
60x60 cm <i>Satin</i>	6,88	4	1,44	27,50	36	51,84	1010,00

TRAVERTINI

Sizes	1 pc.		Вох			Europallet			
	kg	pcs.	mq	kg	box	mq	kg		
60x120 cm Polished - Satin ₹9,5 mm	15,25	2	1,44	30,50	34	48,96	1065,00		
60x60 cm Polished - Satin ₹8,25 mm	6,88	4	1,44	27,50	36	51,84	1010,00	E	

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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 materila 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 they would adversely affect the characteristics of the mixture, are the environment. 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 rejects that cannot be fed back into the production cycle, since—during the production process is in no manner disposed of in



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 ecosustainability.



Emas



EC Regulation no. 1221/2009 of the European Parliament and of the Council introduced the EMAS ecomanagement 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 1400 1



ENVIRONMENTAL CERTIFICATION FOR PRODUCTION SITES

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Ecolabel



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	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.

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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

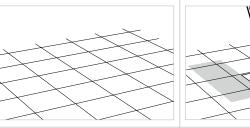
It is carried out to remove very old or resistant stains or residues. The table below indicates detergents suitable for the stain type.

Residue to be removed	Coffee, coke, fruit juices, waxes, greases, etc		Wine Calcareous deposits Rust Inks, felt pens Tyres, rubber mar pencil marks		Inks, felt pens		-	uckers, me	tal or			
Detergent type	Neutral o	or degrea	ser	Oxidizing	Acid-based	Acid-based	Thinner-based		Abrasive paste			
Detergent name	Colou- red Stain Remover	PS 87	CIF Degreaser with bicarbonate	OXIDANT	VIAKAL	Diluted hydrochloric acid	Nitro thinner, trichloro- ethylene, turpentine	Coloured Stain Remover	VIM CLOREX	POLI- SHING CREAM	DETER- GUM	Eraser (for pencil marks only)
Manufacturer	RECKITT BENCKI- SER		UNI- LEVER ITALIA	FABER- CHIMICA	PROCTER & GAMBLE	Several manufacturers	Several manufacturers	FABER- CHIMICA	GUABER	FABER- CHIMICA	ZEP ITALIA	-

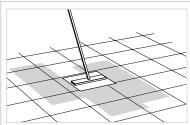
IMPORTANT: always make preventive tests before the use (on a tile not laid yet), above all on lapped or polished products.

REMOVAL OF WAXES OR POLISHING COATS

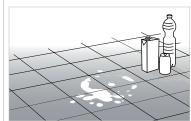
Do NOT use waxes on floor and wall tiles.



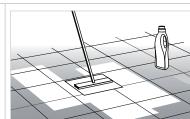




Detergents for routine cleaning that contain wax tend to deposit on the floor and create glossy films.



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

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