

Lioli Ceramica Pvt. Ltd.

WORK:

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Master Catalog





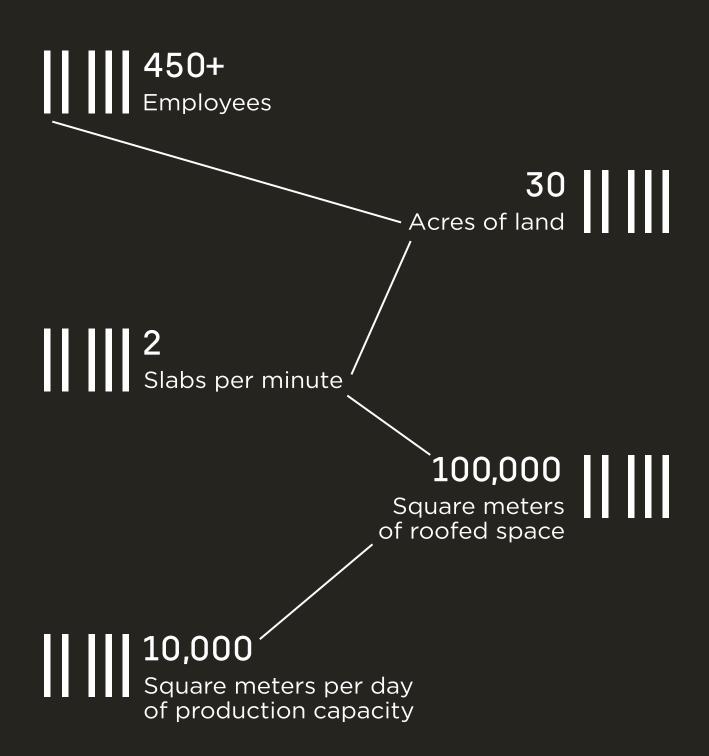
WAKE-UP for BRAND



"To create a gigantic and most modern infrastructure by collaborating with the worlds best technological partners to provide superior quality products and services to our customers and channel partners worldwide."

WAKE-UP for BRAND

Lioli, today stands tall in the industry for its gigantic and most modern infrastructure and manufacturing facility. Our remarkable choice of technology partners makes us superior in terms of the quality we offer to the domestic and international markets. Our creations are of impeccable amalgamation of nature and technological advancement. Our strength lies inside the efforts made by our professional craftsmen and ingenious designers to bring imagination into existence. With our advancement and excellence, we transform your imagination into an exceptional visionary. We do the impossible.





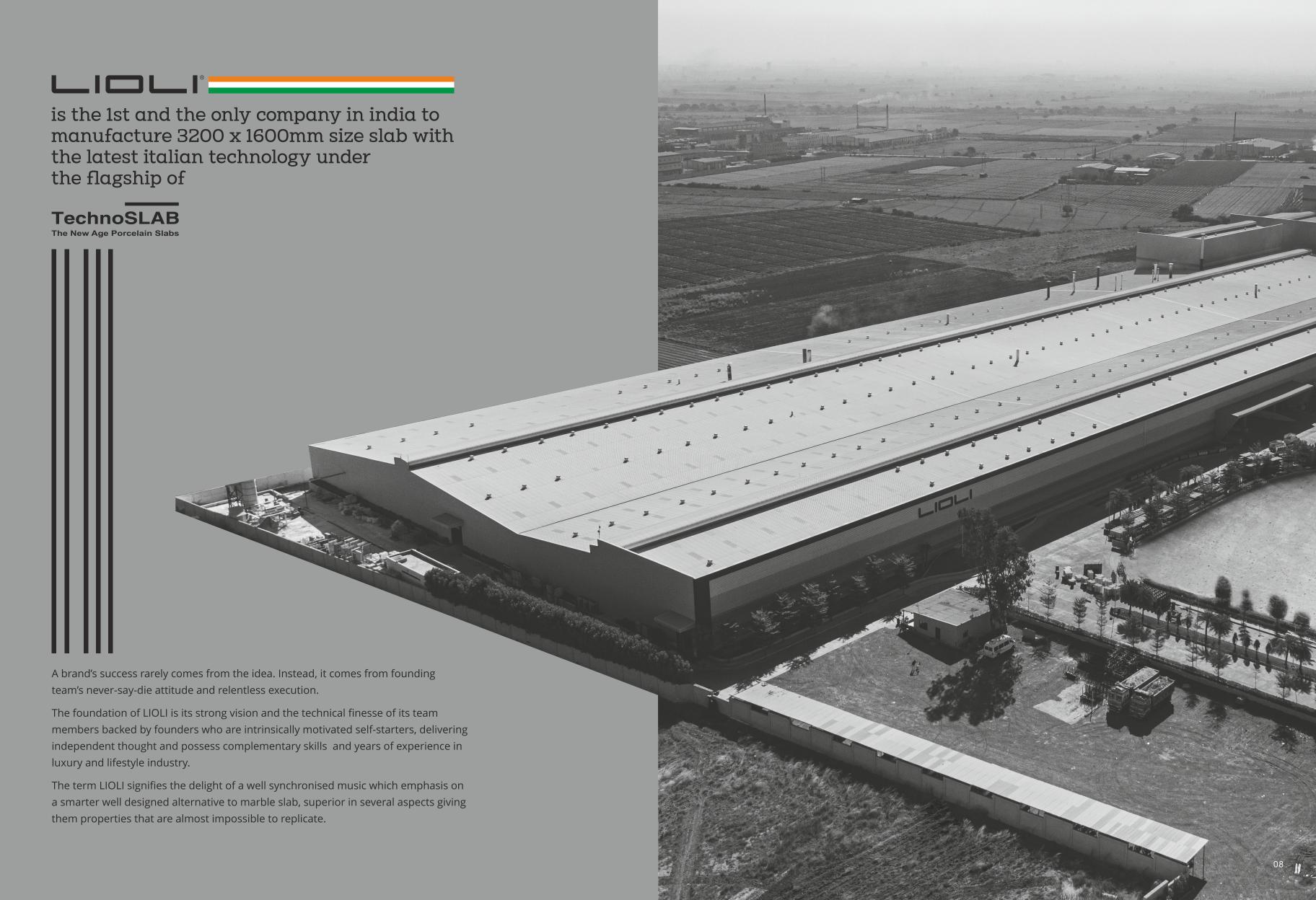
"To create a gigantic and most modern infrastructure by collaborating with the world's best technology partners to provide superior quality products and services to our customers and channel partners worldwide."



"To be a world leader in providing innovative ideas and solutions to ever-changing demands and creating superior, unmatched designs and products to replicate the creations of Mother Nature."



Our Values Customers expect a lot from a trusted partner. They want the most talented minds to address their strategic needs. They want and need a partner with a fortress balance sheet. But beyond that, they demand a firm that consistently holds itself to the highest ethical standards and that stays singularly focused on supporting the customer's objective.





Coming together is a beginning Keeping together is progress Working together is success

- Henry Ford

WE ARE DELIGHTED TO WELCOME CAESERSTONE TO INDIA







Lioli is known worldwide for its premium porcelain tile slabs, while Caesarstone is a lifestyle-driven producer of high-end engineered surfaces-a powerful collaboration in 2020 of two dynamic brands accomplishing their mission to become the first choice for countertops around the world. Lioli's advanced manufacturing technology and Caesarstone's award-winning designs and development have set a new benchmark in the tile manufacturing world. This acquisition has enabled Caesarstone to hold a significant position in the porcelain category and Lioli's state-of-the-art porcelain operations pave a way to accelerate growth strategy enhancing the experiences of customers and business partners worldwide.



Lioli presents excellence in its products through its profound features. Among the many characteristics of its products; the most eminent ones are - the product's surface is hygienic, it is resistant to scratches and abrasions, it is chemical resistant, it is resistant to UV rays and extreme heat, it can't be easily spoiled with stains, it has resistance against frost or any such extreme temperatures, it has strong dimensional stability, and much more.





Hygienic Surface



UV & Heat Resistance



Scratch & Abrasion Resistance



Stain Resistance



Chemical Resistance



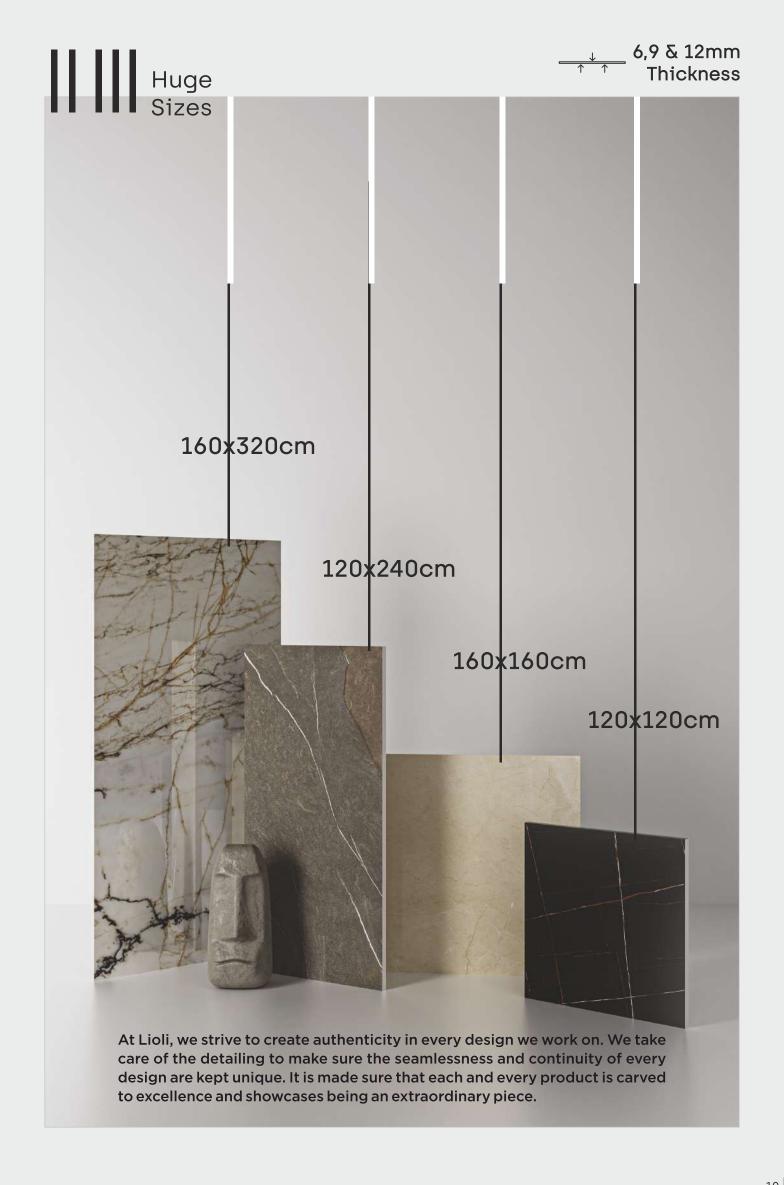
Frost Resistance



Heavy Duty



Dimensional Stability



www.lioliceramica.com







CRYSTALLINE FINISH

Super glossy finish

Cause a stir with our captivating feel of the CRYS TALLINE Collection. Mesmerize in high glossy flair Flexing the g.o.a.t texture & surface embellishments. It is crafted to create a majestic high gloss sensation in your ambian ce. Illuminating & breathtaking textures are crafted to add finesse to the authentic high glossy finish.

GLIMPSE OF CRYSTALLINE







DAMASTA WHITE **GREY**

NERO MARQUINA



LUSTROUS FINISH

Glossy finish

LUSTROUS Collection is carved to create a majestic sensation in your spaces. Luminous & gleaming textures are crafted to add the magnificence of the real gloss. Experience the immortal art of ceramic. Through the perfection of design and the hands of skilled craftsmen, Lioli has given the surface of authentic Glossy surfaces, the character of the best ambiances, strong at sight and gentle at the touch.

GLIMPSE OF LUSTROUS



LASA



GREY



GOLD

ORGATECH FINISH

Digital Finish

Orgatech Collection brings the essence of the noble and sophisticated character of classic ceramic art. Back to the roots through natural materials & artistry effects makes collections such as Carving, the perfect bet for those who are looking to create extremely attractive and welcoming spaces.

GLIMPSE OF ORGATECH







DIOR

NERO MARQUINA

STRATUM PORTORO

RUSTIC MATT FINISH

Matt finish

Feel the supremacy of Rustic Matte Collection in detail, the foremost texture is all set to blow your mind by giving you the delicate feel in your sur rounding. Manifest the Magnificence with the hues of glory inbuilt by our surfaces. Our surfaces are truly crafted to deliver an unmatched experience.

GLIMPSE OF RUSTIC MATT









STATUARIO VENETIAN

LITHIC ANTRACITE

SAINT LAURENT



Punch Effect

Concerning design and creative applications, these matt tiles are incredibly versatile and long-lasting. It doesn't matter if you want to design a simple home or a chic area that appeals to modern tastes. With the variety of colors and shapes available, you are sure to find something to suit your needs. Whether you're looking for a classic look or a modern feel, these matt tiles will be the perfect addition to any area.

GLIMPSE OF STRUCTURE MATT



SILVER







CORDOSO GREY

PIASENTINA





Thickness: 12mm

DESIGN	CRYSTALLINE	RUSTIC MATT	STRUCTURE MATT	ORGATECH	PAGE NO
01. Mont Blanc Crystal	•	•			21
02. Calacatta Luxe		· · · · · · · · · · · · · · · · · · ·			22
03. Calacutta Borghini	.	<u>.</u>			23
04. Afyon White	•				35
05. Calacutta Bianco Oro		•			36
06. Carrara Ultimo	•	•			45
07. Everest White	•	·			47
08.Superwhite Quartzite	•				53
09. Silver Armani	•	•			58
10. Damasta Grey	•	•			63
11. Pietra Grey		•			64
12. Dior Gold	•			•	68
13. Stratum Portoro	•			•	69
14. Nero Marquina	•			•	74
15. Saint Laurent	· · · · · · · · · · · · · · · · · · ·		•		75
16. Bronze Armani	•				105
17. Lithic Coin			•		108
18. Lithic Antracite					109
19. Lithic Nero			•		110
20. Piasentina			•		119
21. Belgium Stone			<u>Q</u>		139
22. Meek Arctic	<u>.</u>	<u>.</u>			140
23. Meek Coal					141
24. Meek Oyster					144
25. Meek Smoke					144
26. Meek Ash		<u> </u>			145



Inickness: 9mm

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04. Statuario Bianco	•			50
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07. Nero Marquina				74
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27. Meek Walnut • 145



DESIGN LUSTROUS STRUCTURE MATT RUSTIC MATT PAGE NO 11. Botticino Fiorito _______83 13. Grigio Nuvolato 88 15. Travertine Beige 92 16. Antique Botticion 93 17. Burberry Beige 94 18. Regal Beige _______ 95 19. Armani Brown 97 20.Lithic Coin ______ 108 23. Bruno Flakes 130



Thickness: 9mm

			mickness: 9m	
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04. Calacatta Venato	·····			26
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06. Statuario Norwell	<u>.</u>		.	30
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08. Afyon White	· · · · · · · · · · · · · · · · · · ·			35
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10. Statuario Venetian	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	37
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17. Fantasy Onyx	•			49
18. Superwhite Quartzite				53
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20. Claros Grey				
21. Silver Armani				58
22. Armani Grey	•		•	59

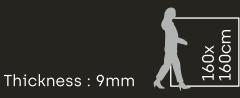
15 | 16





Thickness: 9mm

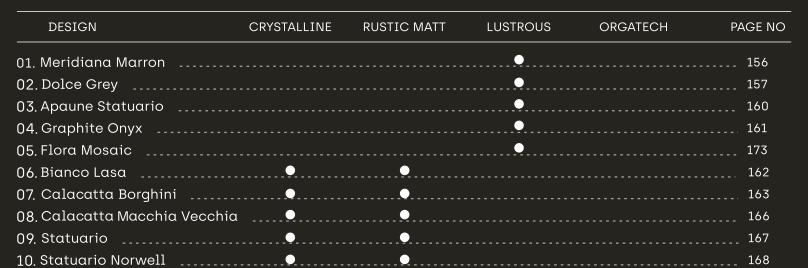
DESIGN	LUSTROUS	STRUCTURE MATT	RUSTIC MATT	PAGE NO
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24. Pietra Grey	•		<u> </u>	64
25. He arms Grey				
26. Basaltina				67
27. Dior Gold				
28. Stratum Portoro				
29. Ashford Black				
30. Nero Marquina	·		·····•	74
31. Saint Laurent	<u>.</u>		• • • • • • • • • • • • • • • • • • • •	75
32. Omani	<u>.</u>			81
33. Celio				82
34. Botticino Fiorito	•			83
35. Claros Beige	•			84
36. Breccia Blue	•			85
37. Armani Gold	•			87
38. Grigio Nuvolato	·····			88
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BOOK MATCH

120x240cm : 01 to 05 160x320cm : 06 to 13 Thickness: 9mm, 12mm



 11. Statuario Platina
 •
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 169

 12. Statuario Venetian
 •
 •
 170

 13. Carrara
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Mont Blanc Crystal

1200X2400mm 1600X3200mm

Lustrous, Crystalline & Rustic Matt Thickness: 9mm | 12mm







Calacatta Luxe

1200X2400mm 1600X3200mm

Lustrous, Crystalline & Rustic Matt

Thickness: 9mm | 12mm







Inspire your space with shades of white that bring calmness and elegance to the visual aesthetics. The veins in the tiles uplift the look of the floors and makes it a luxurious gaze.

An extraordinarily luxurious appeal for your space.



1200X2400mm 1600X3200mm

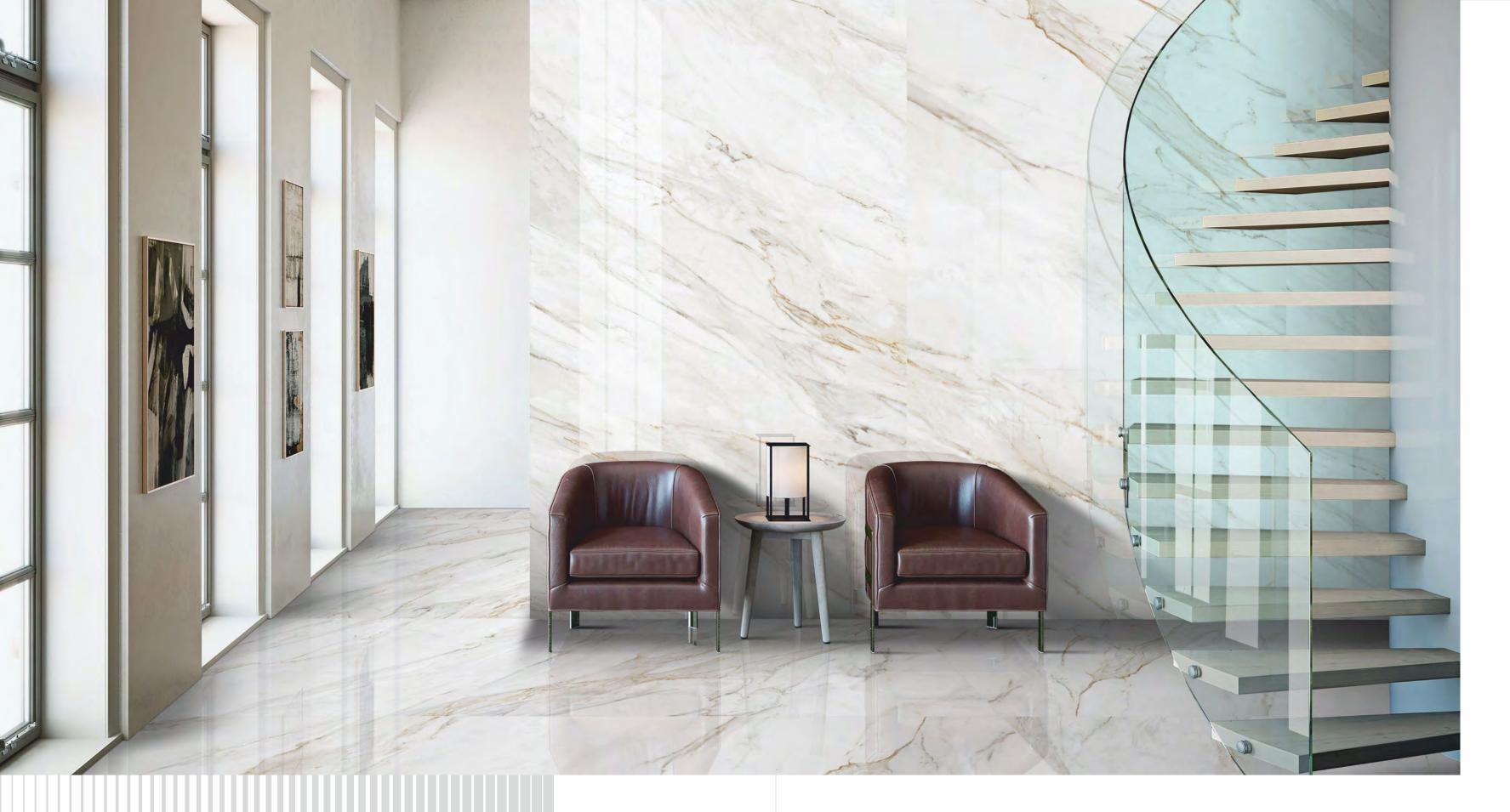
Lustrous, Crystalline & Rustic Matt

Thickness: 9mm | 12mm









Upgrade the spirit and look of your spaces with a charming and classic collection of tiles that would enhance your interiors with us.

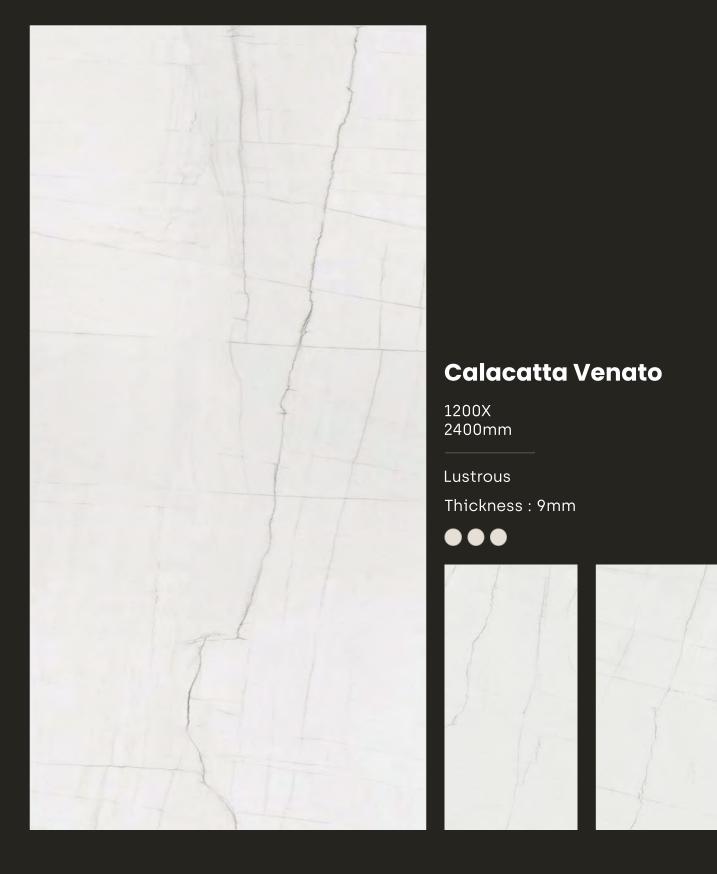
Amp up your spaces and interiors with luminous bright gaze.

Calacutta Borghini

1200X2400mm 1600X3200mm Lustrous, Crystalline & Rustic Matt







Tiles with unique translucent and exotic properties. They add a sense of elegance and sophistication to interiors. They are accentuated by vibrant veins across.

For a refined and poised aesthetics.



1200X 2400mm

Lustrous
Thickness: 9mm









Tiles with smooth and glossy surface with ranging from dark brown to off white colour. It is an exquisite blend of colours and vein textures.

Add brightness and sense of uniqueness to any space

Calacatta Venato

1200X2400mm Lustrous







Adorn your area with the beauty of tiles that will certainly add splendor to perfection. Magnify the uniqueness with glory.

Style your area with ceramic effects and let it shine.

Arabescato Statuario

1200X 2400mm

Lustrous

Thickness : 9mm









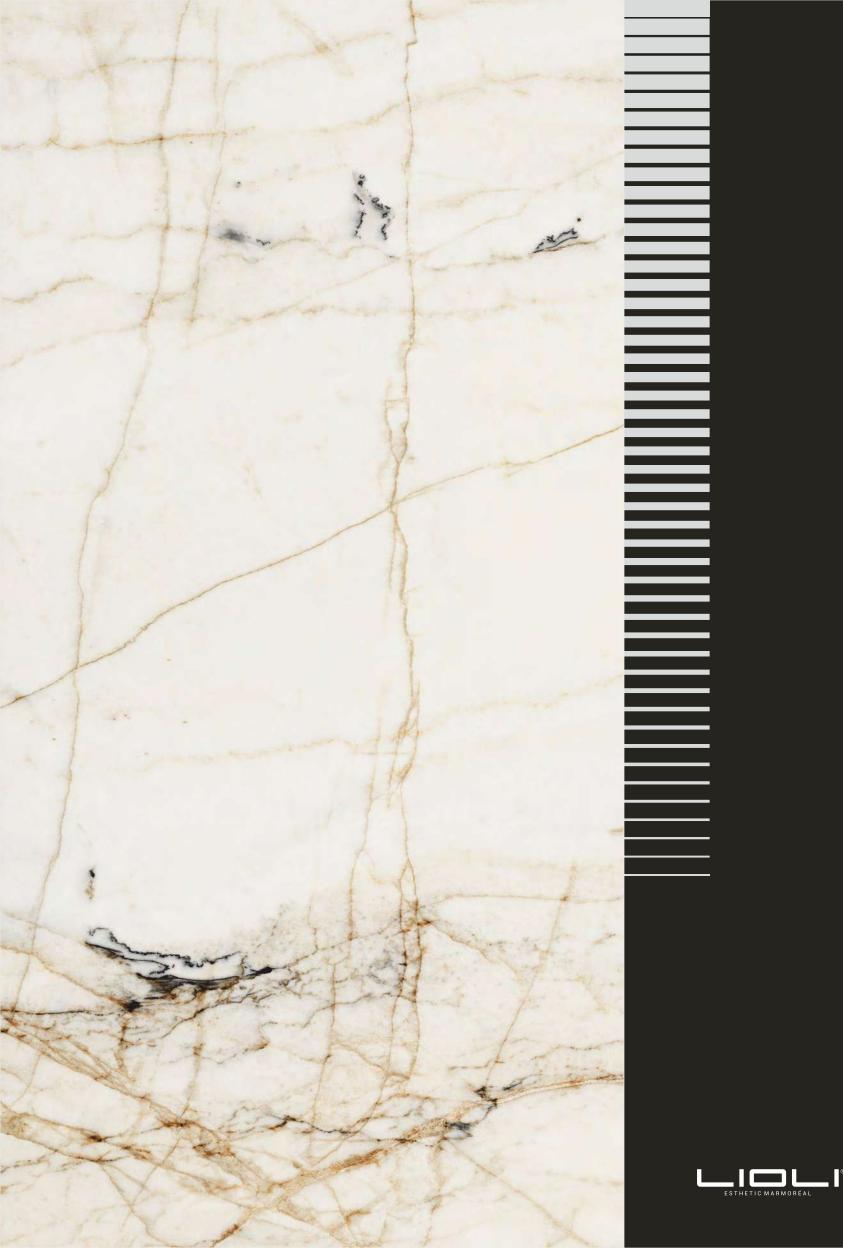
Tiles with smooth and glossy surface with ranging from dark brown to off white colour. It is an exquisite blend of colours and vein textures.

Add brightness and sense of uniqueness to any space

Statuario Norwell

1200X2400mm Rustic Matt









Afyon White

1200X2400mm 1600X3200mm

Lustrous & Crystalline

Thickness: 9mm | 12mm







Calacutta Bianco Oro

1200X2400mm | 1600X1600mm 1200X1200mm | 1600X3200mm

Lustrous, Crystalline & Rustic Matt

Thickness: 9mm | 12mm







These tiles bring out an inspiring blend of sophistication and custom details that create a space that's uniquely yours. This carefully crafted design showcases your personal style and taste, allowing you to make a statement in any area.

From traditional to modern, each tile is created with a unique blend of materials and textures that provide an exquisite look and feel.

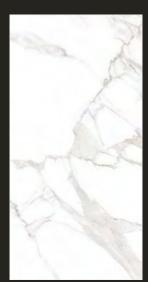


1200X2400mm | 1600X1600mm 1200X1200mm

> Lustrous & Rustic Matt Thickness: 9mm











A timeless and classic porcelain that has elegant and exquisite grey veins that runs across. It is evergreen and can compliment any style or design. It is apt for both indoor and outdoor application.

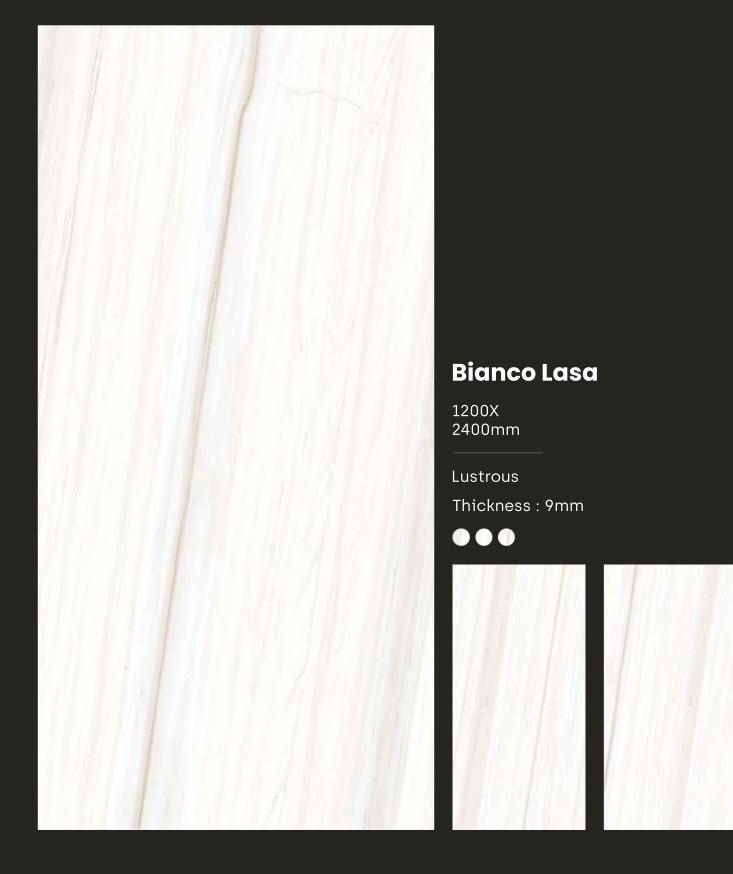
launt your space with a classic appeal.

Calacutta Bianco Oro

1200X2400mm Crystalline, Rustic Matt







Know for it's white and gold appeal that adds a sense of luxury to any space. It has an appeal of soft white that makes the whole look warm and refreshing.

Create a magnificent and luxurious gaze.

Calacatta Macchia Vecchia

1200X 2400mm

Lustrous
Thickness: 9mm









Reflect the allure appeal of luxury through white crystalline base and distinctly greyish veins. The veins are the main elements of the rooms due to its defined line shape and broadness.

Create contemporary gaze and make it stand out.

Bianco Lasa

1200X2400mm Lustrous







Statuario

1200X 2400mm

Lustrous

Thickness: 9mm





The ethereal beauty of this tile creates an oasis of modern sophistication in any space, whether it be residential or commercial. From the intricate designs that cover their surface to the natural pigments of their glaze, these tiles are perfect for any contemporary setting



1600X 3200mm

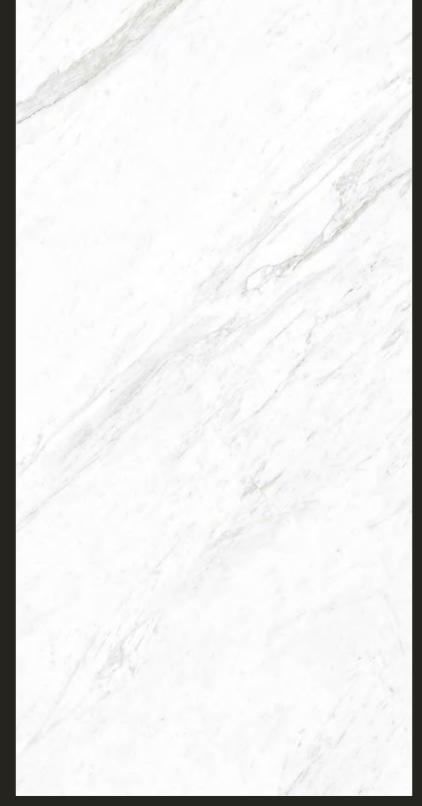
Crystalline & Rustic Matt
Thickness: 9mm









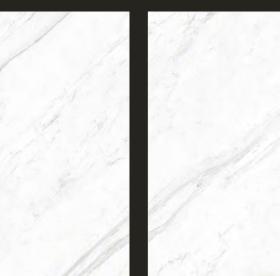


Statuario Platina

1200X 2400mm

Lustrous & Rustic Matt Thickness : 9mm





The bold Simplicity will draw attention to the light and space in any room, creating magnificent baths, elegant kitchens, and contemporary living room ideas.

Add striking appearance to your space

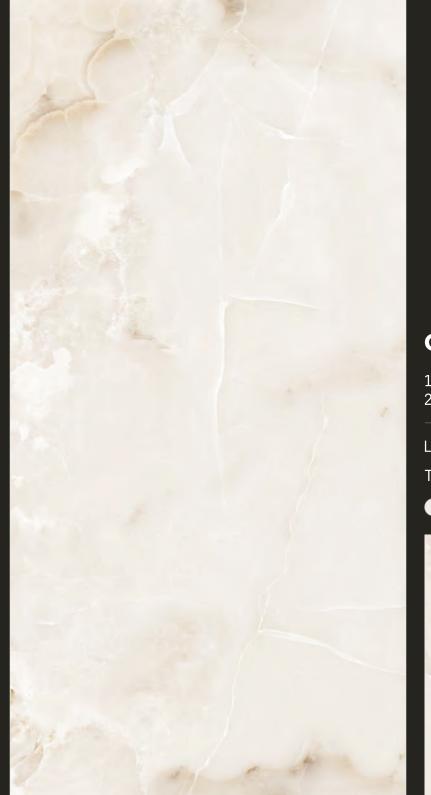
Everest White

1200X2400mm | 1600X1600mm 1200X1200mm | 1600X3200mm

> Crystalline & Rustic Matt Thickness: 9mm | 12mm







Onice Bianco

1200X 2400mm

Lustrous

Thickness: 9mm





Tiles with unique translucent and exotic properties. They add a sense of elegance and sophistication to interiors. They are accentuated by vibrant veins across.

For a refined and poised aesthetics.



1200X 2400mm

Lustrous
Thickness: 9mm

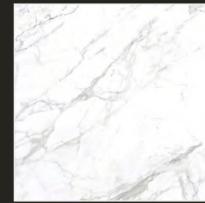












Statuario Bianco

1200X 1200mm

Lustrous

Thickness: 9mm

















Superwhite Quartzite

1200X2400mm 1600X3200mm

Lustrous & Crystalline

Thickness : 9mm

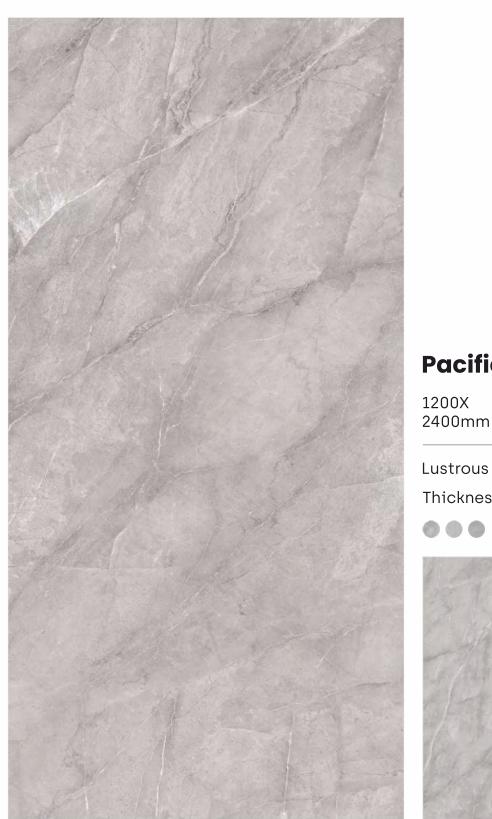






Add vibrancy and modern hues to any space. They cater to all designs and aesthetics. The distinctive veins add luxurious and spectacular appeal.

Let your space uplift the charm & exclusivity



Pacific Grey

1200X 2400mm

Thickness: 9mm





Claros Grey

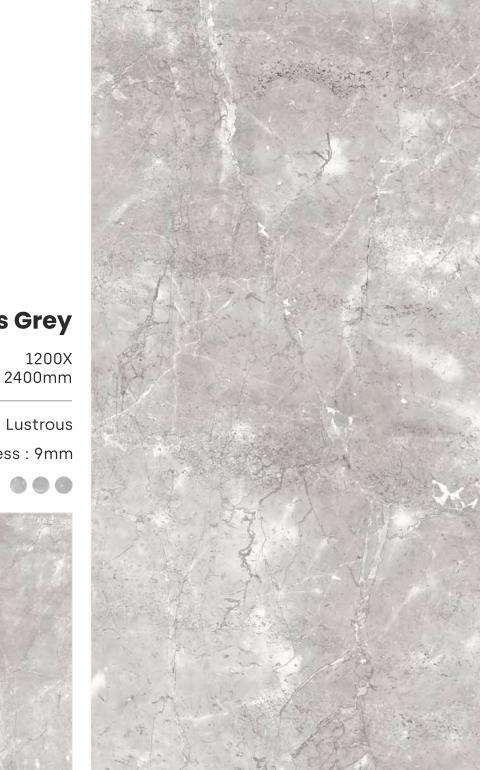
1200X 2400mm

Thickness: 9mm











You can bring the tranquil majesty of the Alps into your spaces and interiors with our spellbinding assortment of tiles. The silver colour radiates shines and sparks of good interiors.

Shine and sparkle for luxurious aesthetics

Pacific Grey

1200X2400mm Lustrous





Silver Armani 1200X2400mm 1600X3200mm Lustrous, Crystalline & Rustic Matt Thickness: 9mm | 12mm

Tiles that create a bold and eye captivating gaze. It has a brown background with white veins all across. The tiles give modern, vintage and contemporary look.

Bring on the modern era aesthetics.



1200X2400mm | 1600X1600mm 1200X1200mm

Lustrous & Rustic Matt
Thickness: 9mm









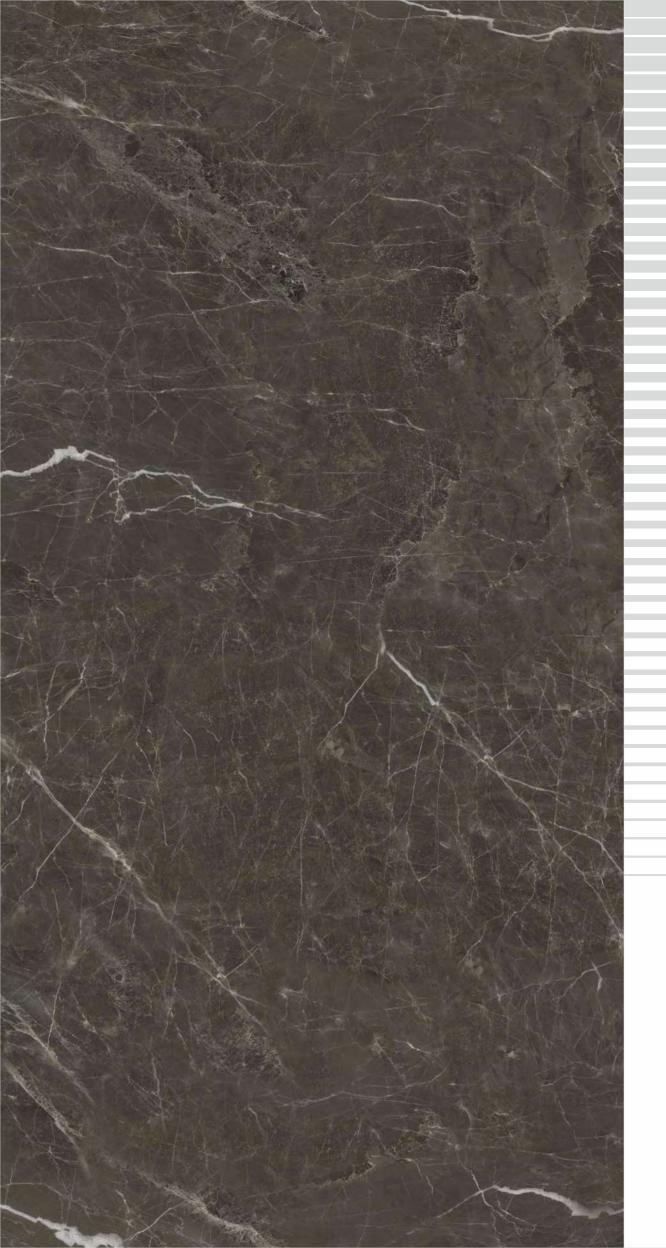
Create luxurious and contemporary aesthetics with these tiles. They are highly polished and create a sense of spaciousness. Let the gloss enhance the space.

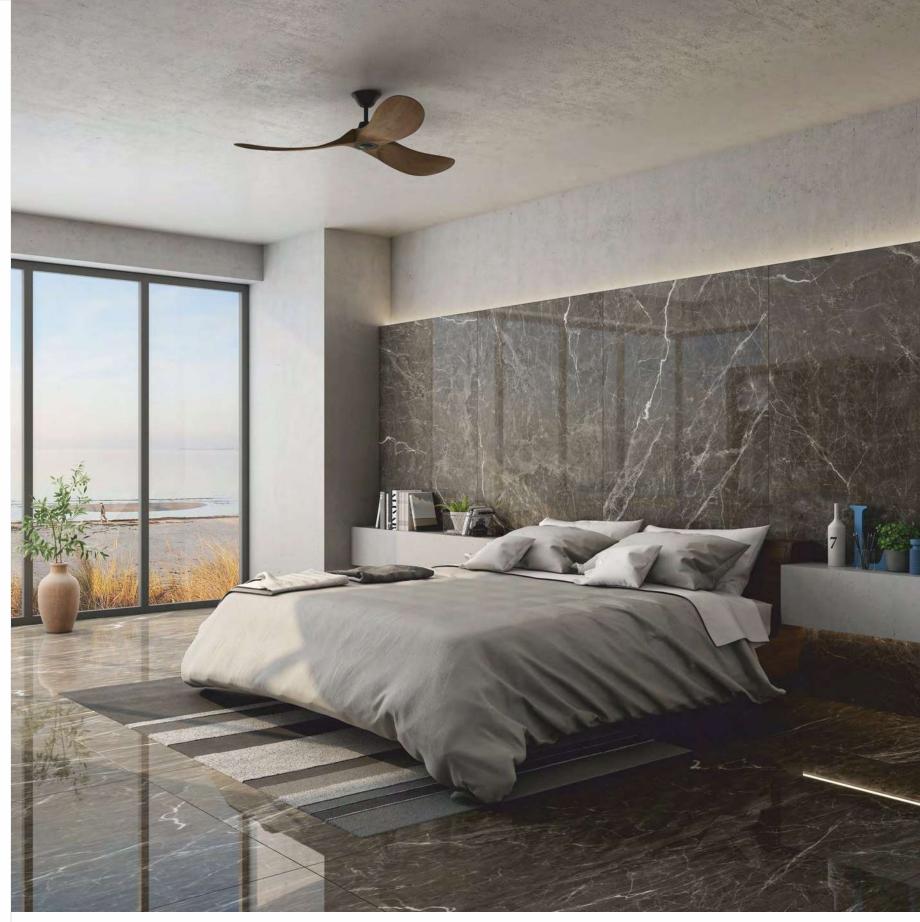
For a contemporary and luxury aura

Armani Grey

1200X2400mm Rustic Matt









ESTHETIC MARMORÉAL ®



Damasta Grey

1200X2400mm | 1600X1600mm 1600X3200mm

Lustrous, Crystalline & Rustic Matt

Thickness: 9mm | 12mm







They offer very eye catchy and minimal appeal to any space. They bring unparalleled elegance and unique gaze.

Inject a luxurious look to your space.



1200X2400mm 1600X1600mm

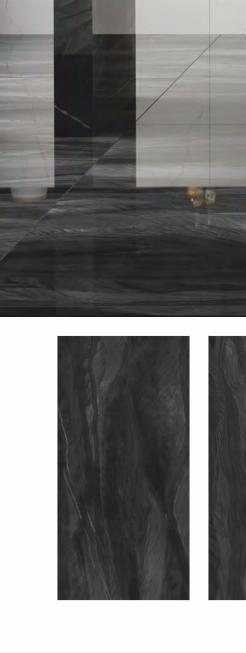
Thickness : 9mm











ESTHETIC MARMORÉAL | ®



Basaltina

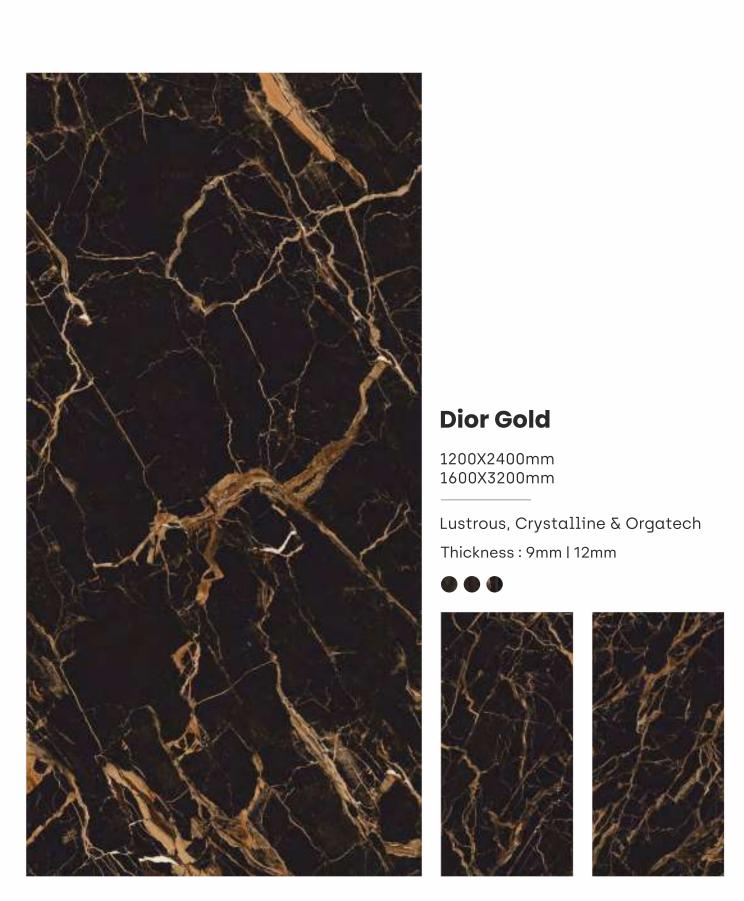
1200X 2400mm

Lustrous & Structure Matt

Thickness: 9mm







Tiles that give a bold and powerful look to any space. The distinctive and exquisite gold veins add royal appeal making your space stand out.

For an magnificent and elegant gaze



1200X2400mm 1600X3200mm

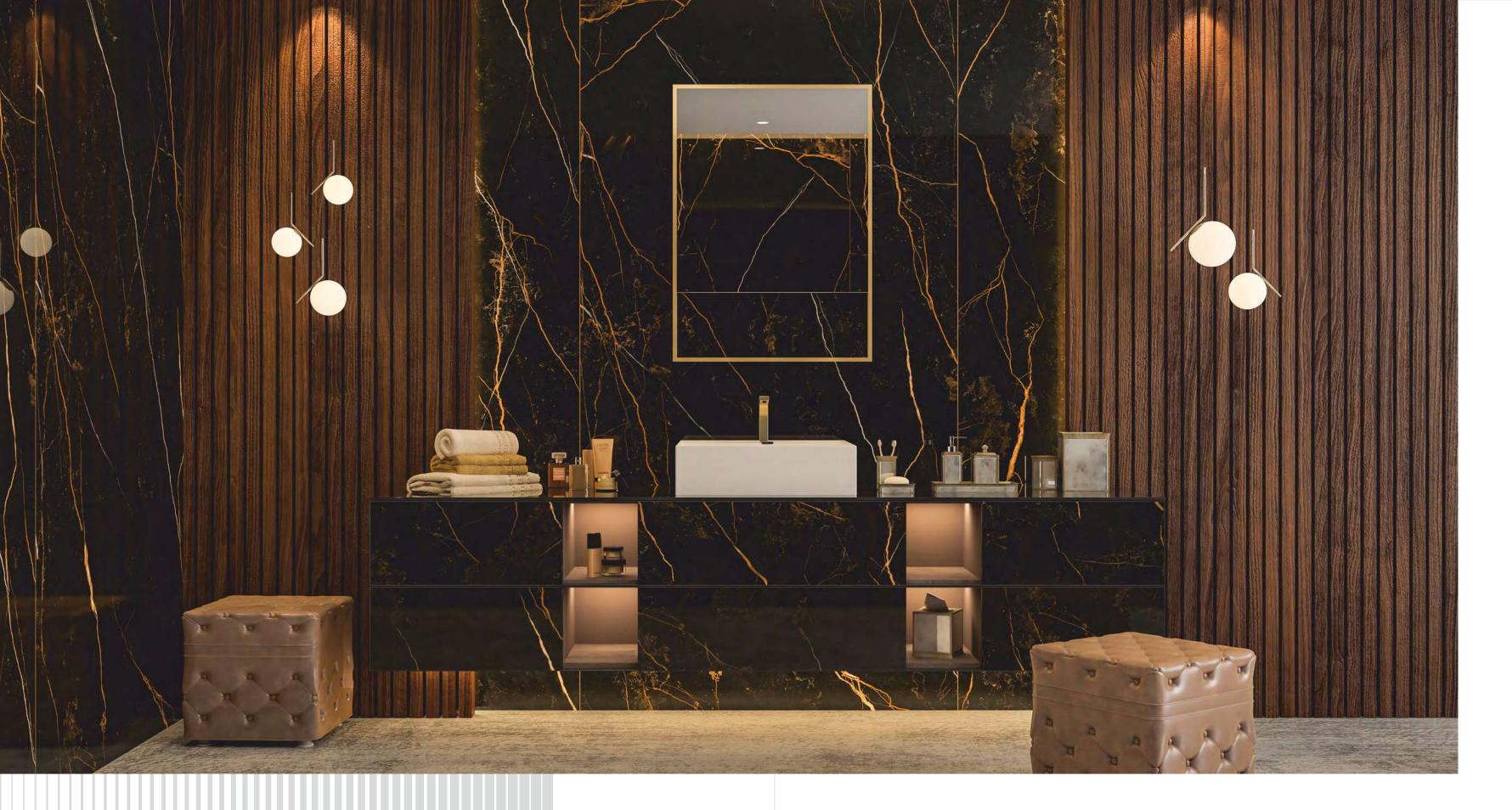
Lustrous, Crystalline & Orgatech
Thickness: 9mm | 12mm











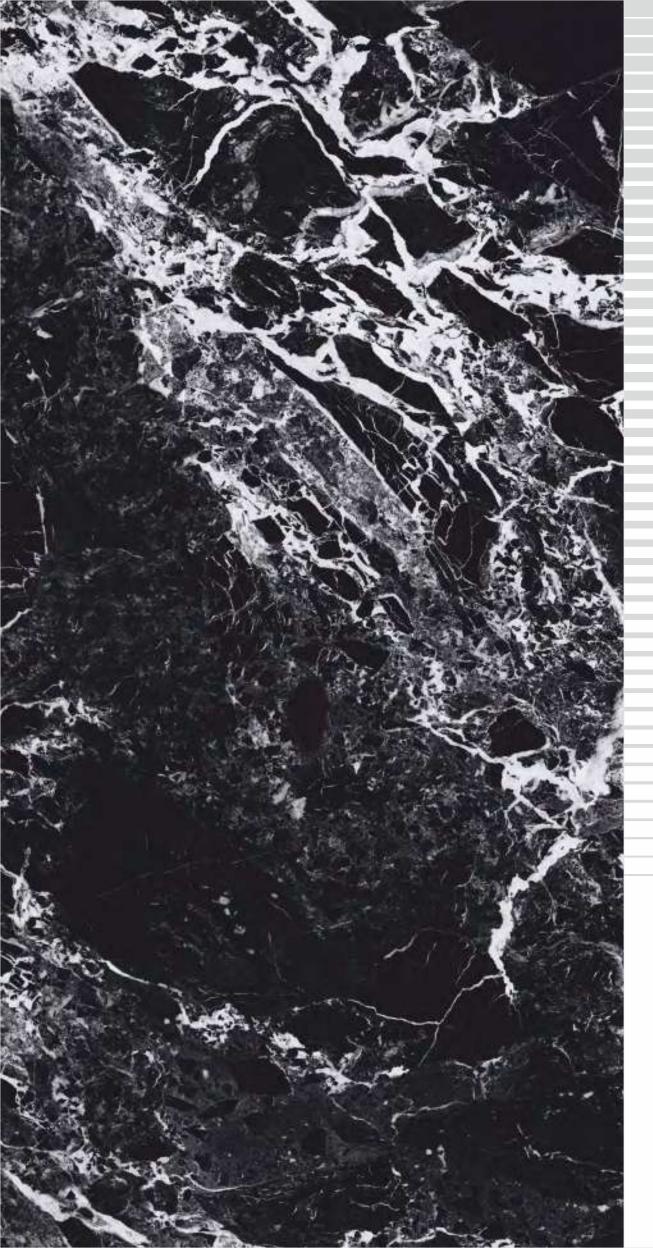
Tiles that give a bold and powerful look to any space. The distinctive and exquisite gold veins add royal appeal making your space stand out.

Stratum Portoro

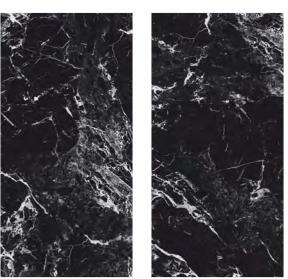
1200X2400mm 1600X3200mm Lustrous, Crystalline & Orgatech

For an magnificent and elegant gaze









ESTHETIC MARMORÉAL | ®



Ashford Black

1200X 2400mm

Lustrous







A visual feast and an elegant gaze. The bling gold on the black looks magnificent and very rich. It can create a subtle and contemporary aesthetics depending on the style and design.

Bring on the glam for a powerful appeal



1200X2400mm | 1200X1200mm 1600X3200mm

Lustrous, Crystalline, Structure Matt & Orgatech

Thickness: 9mm | 12mm









They look super lustrous and can amp any space. They give any space rich aesthetics.

Experience the powerful charm and create your vibe.

Capture the bold and powerful elegance

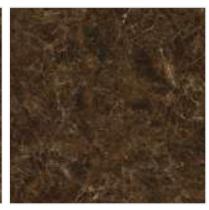
Saint Laurent

1200X2400mm Lustrous, Crystalline, Structure Matt & Orgatech





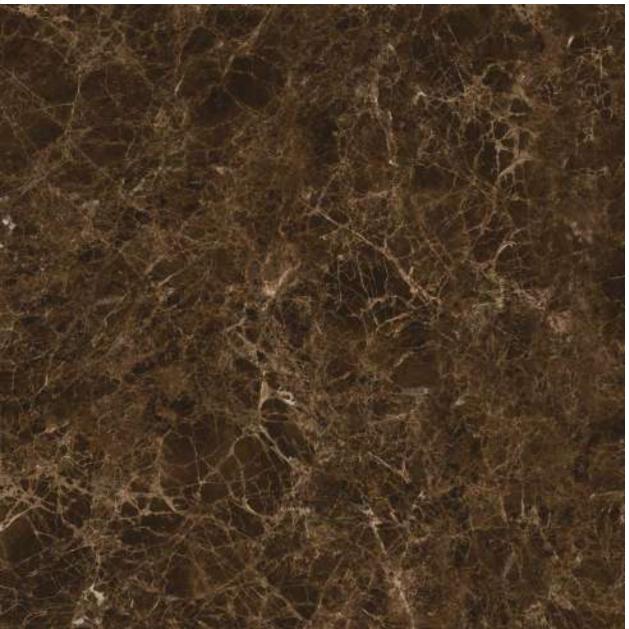




Emperador Classic 1200X 1200mm

Lustrous

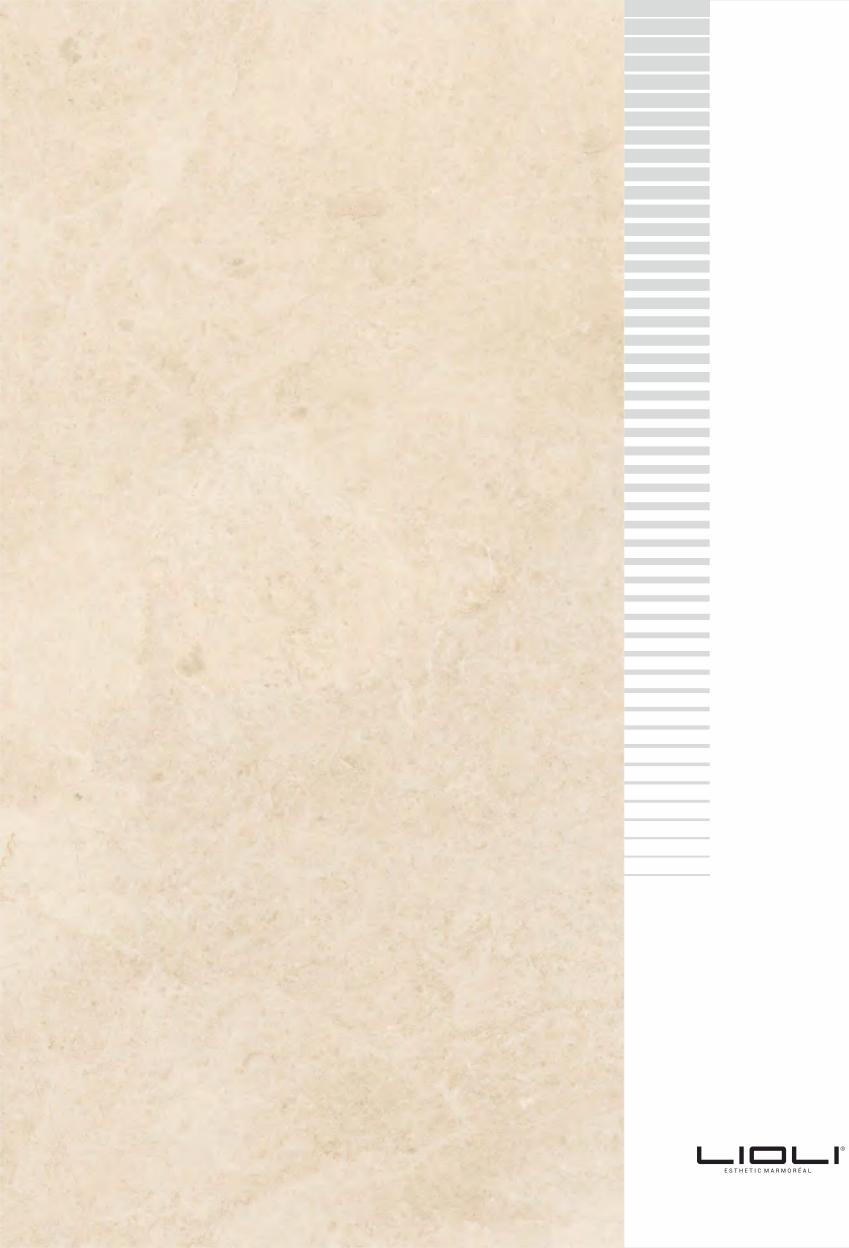


















Omani

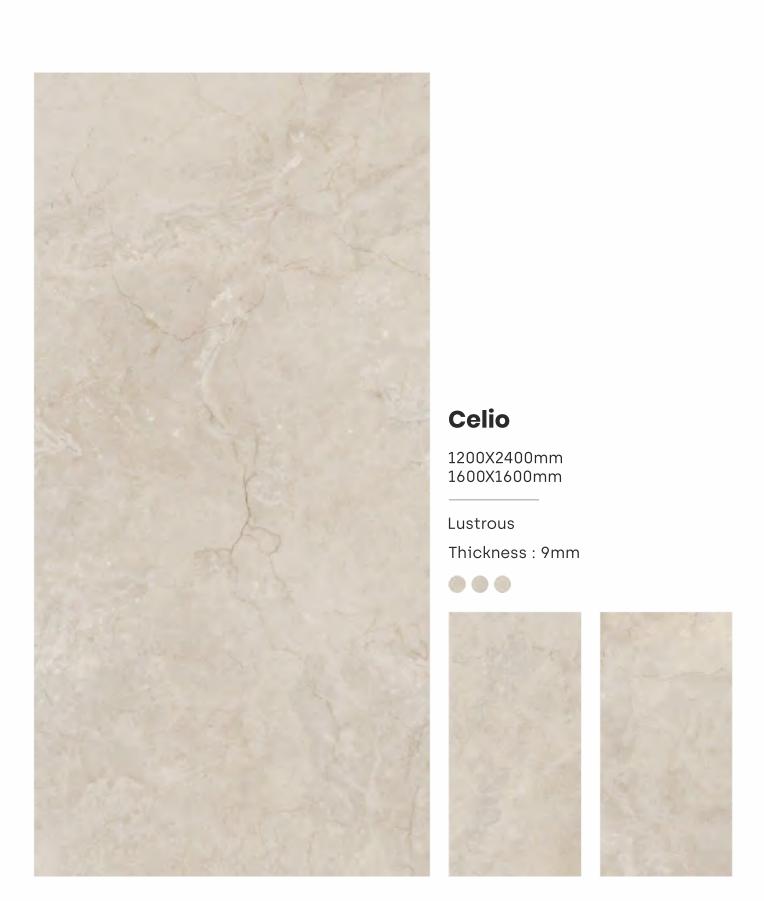
1200X2400mm 1200X1200mm

Lustrous









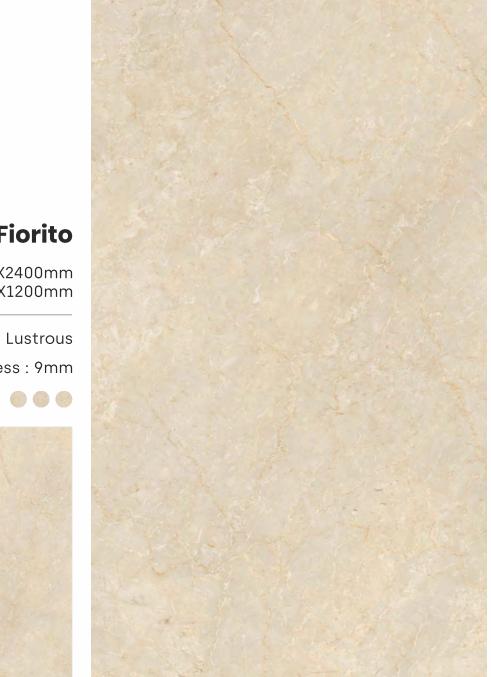
These tiles have a natural look and an exquisite surface that will complement any home's interior. Transform the ordinary into the remarkable. They can compliment any style or look.

For a rustic and subtle aesthetic



1200X2400mm 1200X1200mm

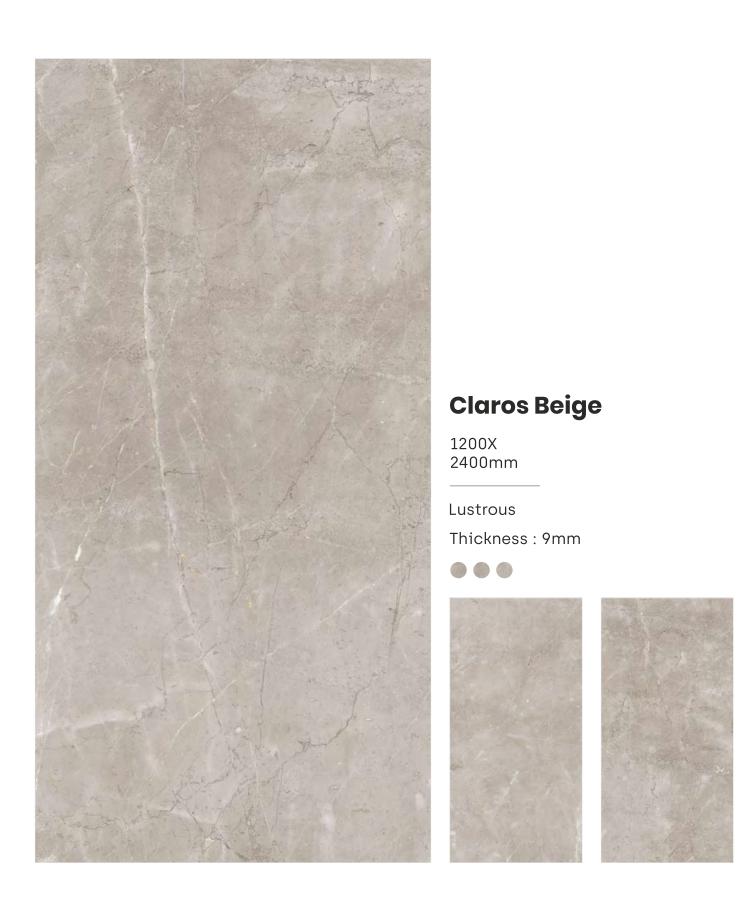


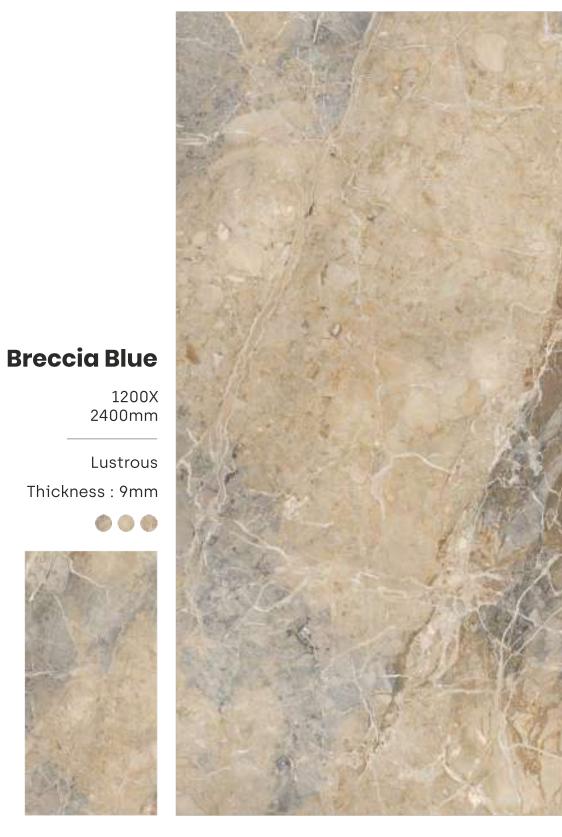




For a refined and elegant style statement. These tiles lift up any interiors and glam up any space. They are indeed a visual treat to eyes.

For a refined, elegant and sleek gaze











ESTHETIC MARMORÉAL



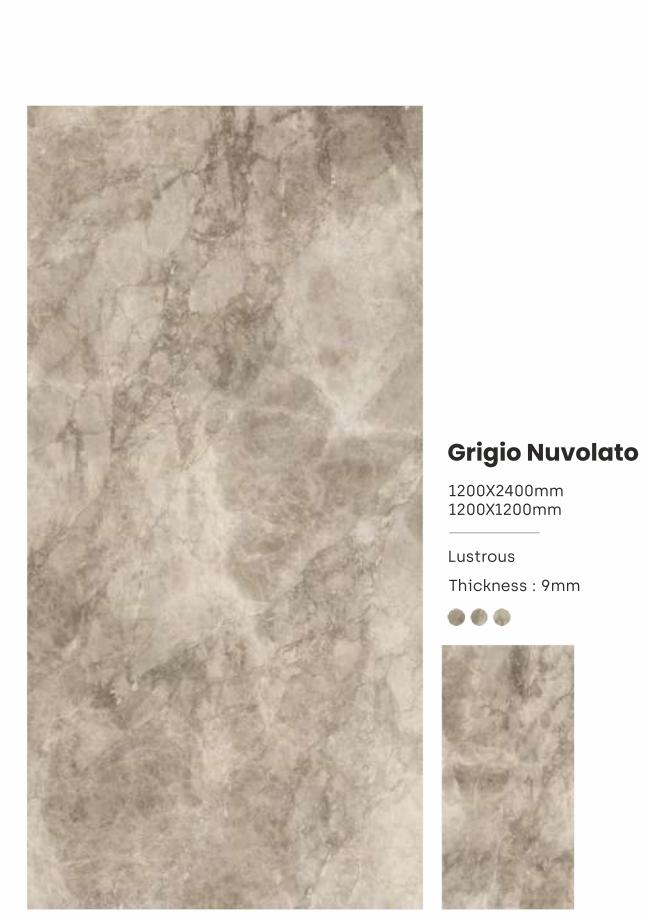
Armani Gold

1200X2400mm | 1600X1600mm 1200X1200mm

Lustrous & Rustic Matt







Discover mesmerizing aesthetics with a hint of glitz.

Level up your styling game and create an aww

appealing aesthetics.

For a luxurious aura, make your space stand out

Emperador Light

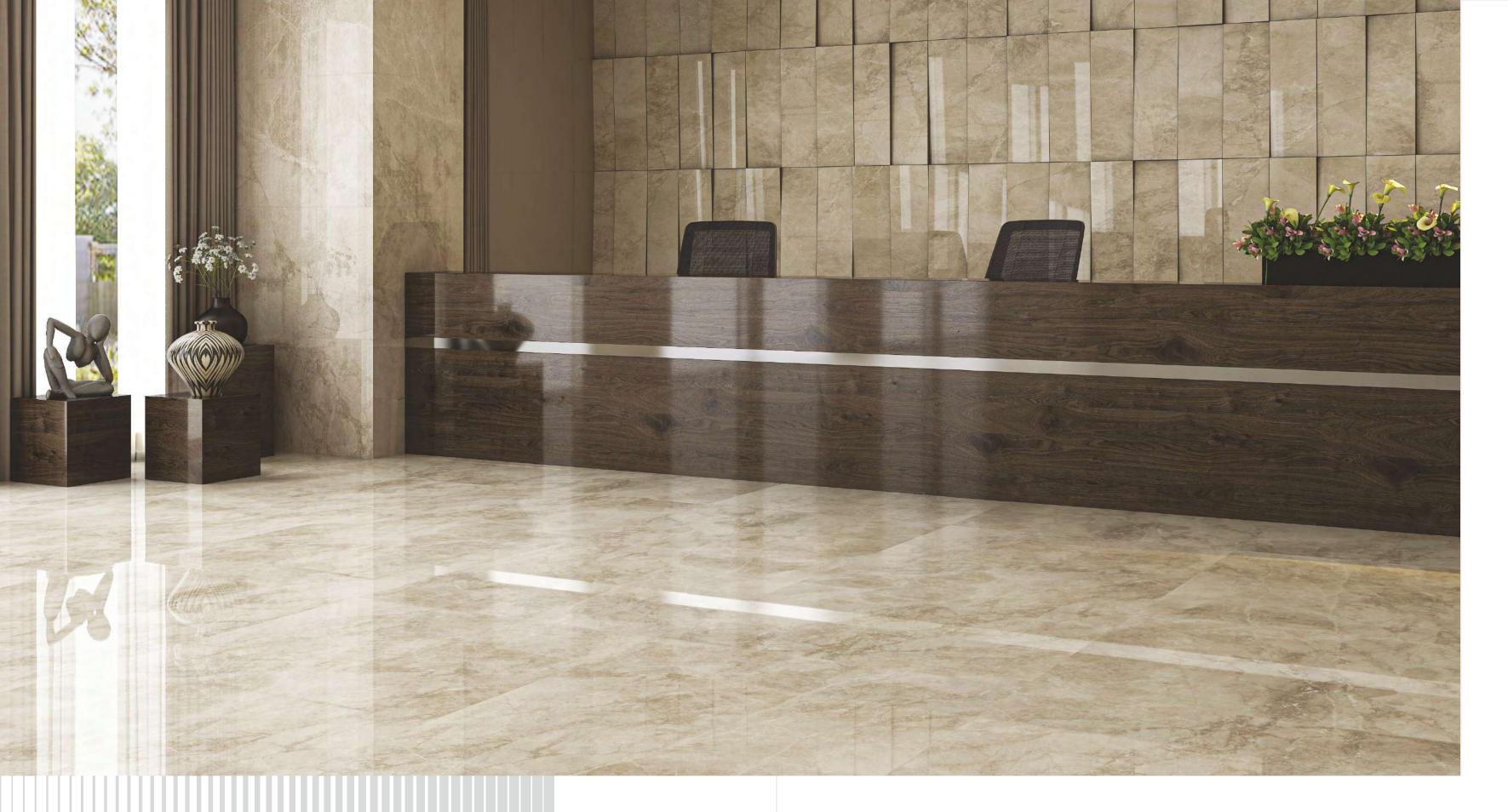
1200X2400mm | 1600X1600mm 1200X1200mm

Lustrous









An audacious collection of tiles from us that is capable of creating a classic timeless ambiance. They are evergreen and versatile.

Incorporate charismatic and serene gaze. .

Grigio Nuvolato

1200X2400mm Lustrous



Combining aesthetic quality and versatility, this tile provides a unique way to liven up any living space. With their diverse range of textures and colors, these tiles create a visually stimulating atmosphere that adds sophistication and character to any space.

Not only do they bring a unique flair to any residential or commercial setting, but they are also extremely durable.



Travertine Beige

1200X1200mm 1200X2400mm

Lustrous & Rustic Matt Thickness : 9mm





1200X 1200mm

Lustrous

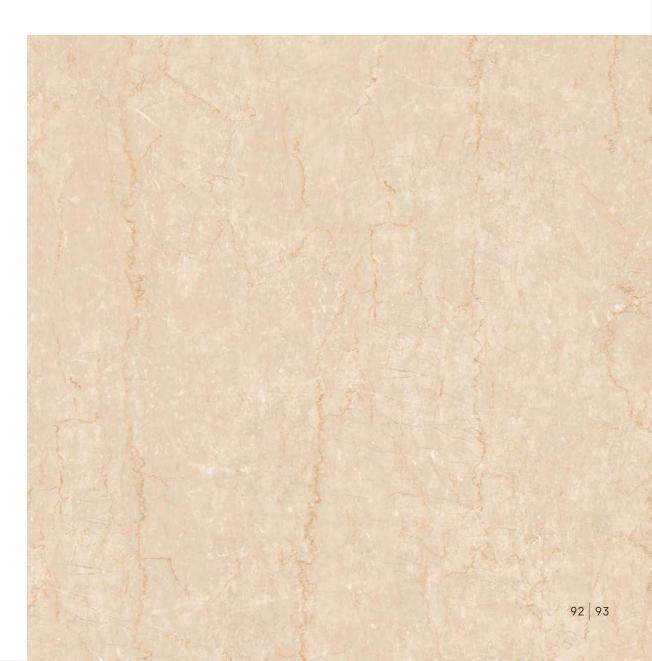












Crafted from the finest materials and created with exacting attention to detail, these tiles are sure to bring an air of luxury to any room. With their luxurious textures and subtle patterns, these tiles capture the essence of modern style.

They add a touch of elegance and refinement to any environment, offering both practicality and timeless beauty.





1200X1200mm 1600X1600mm

Lustrous

Thickness: 9mm





1200X1200mm 1600X1600mm

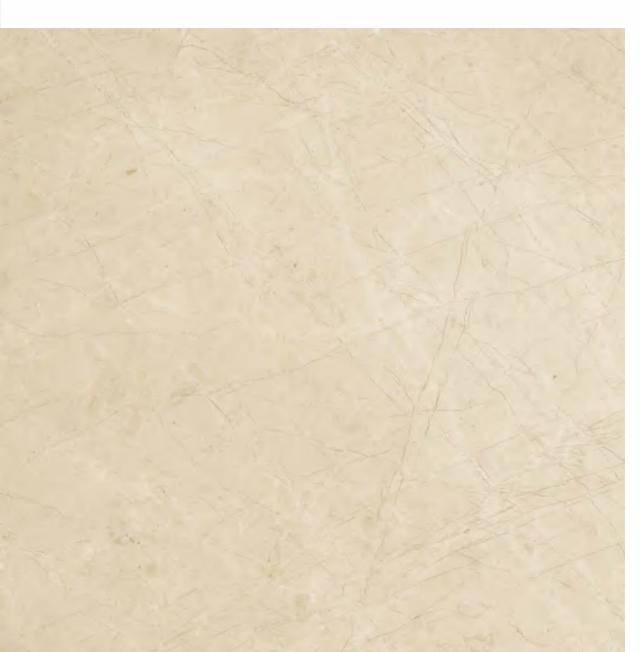
Lustrous Thickness: 9mm

















Create a warm and cozy interiors for your space with the elegantly charming shade, textures and designs.

For a new flooring and modern look



Armani Brown 1200X2400mm 1200X1200mm Lustrous Thickness: 9mm



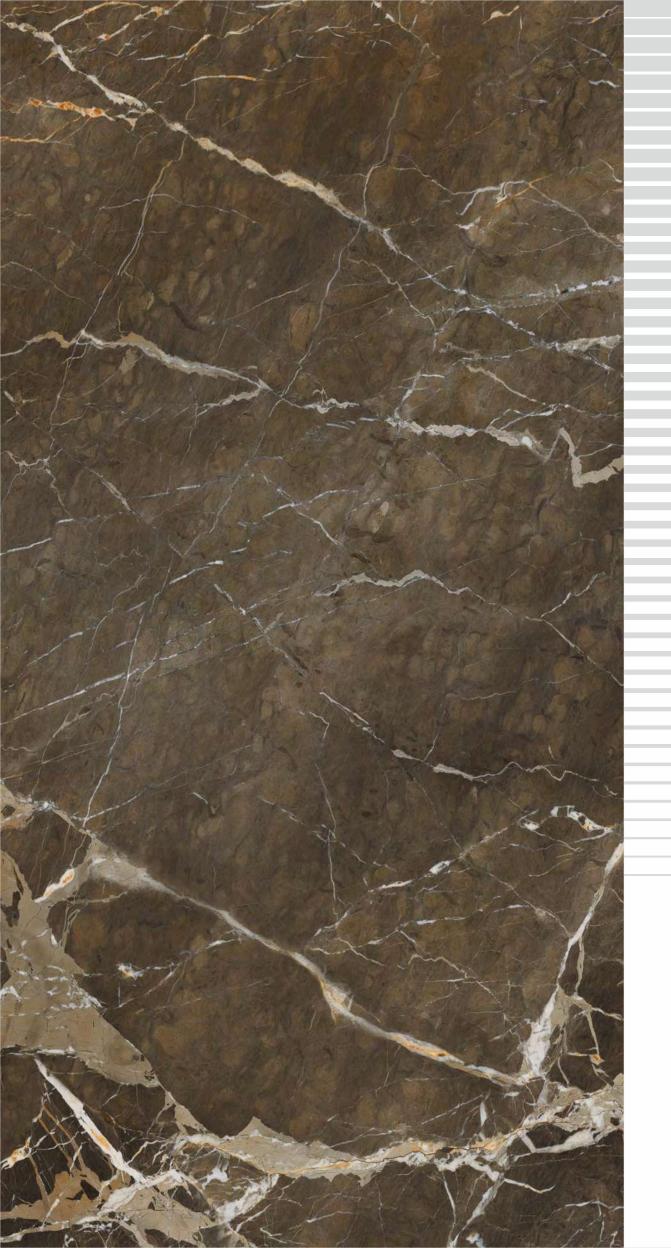
Evolve and refine your spaces with brown shade that add illusion of perfection and royalness. Surround yourself with an extraordinary aesthetic and class.

Make your space come to life and make it heart of the interiors.

Claros Mocha

1200X2400mm Lustrous













Camoflague Esperada

1200X 2400mm

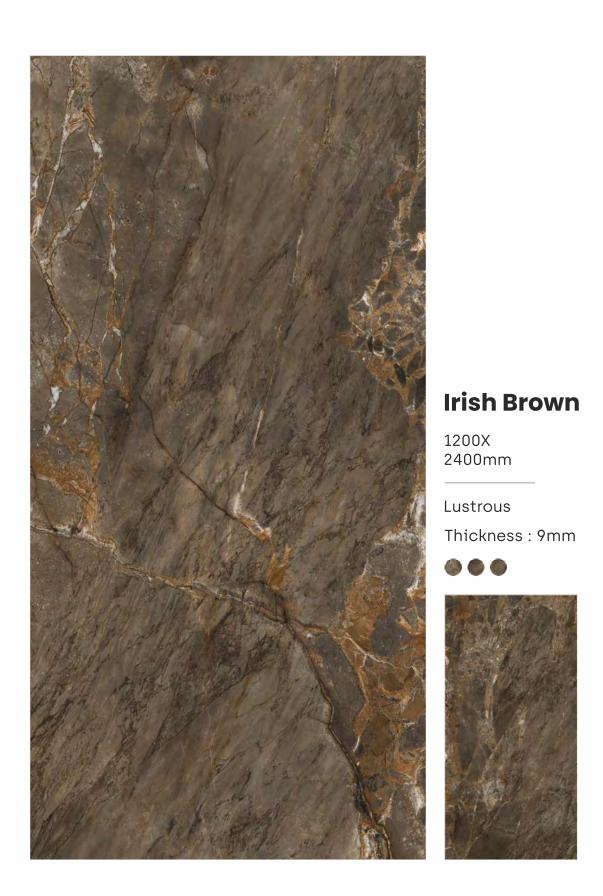
Lustrous



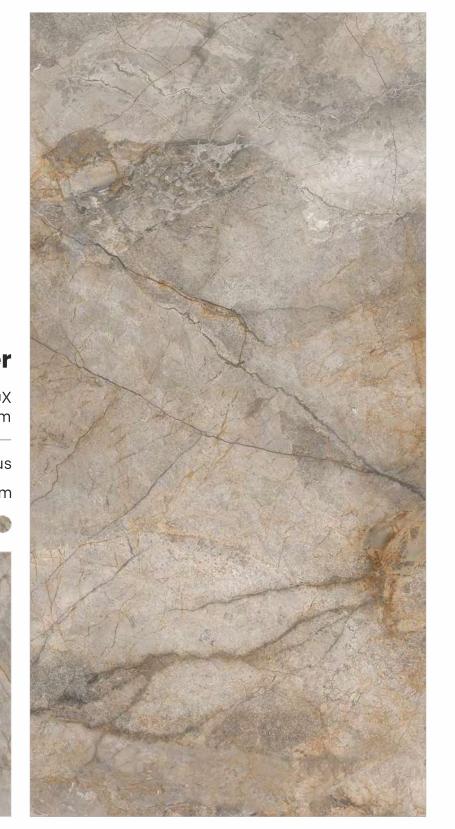


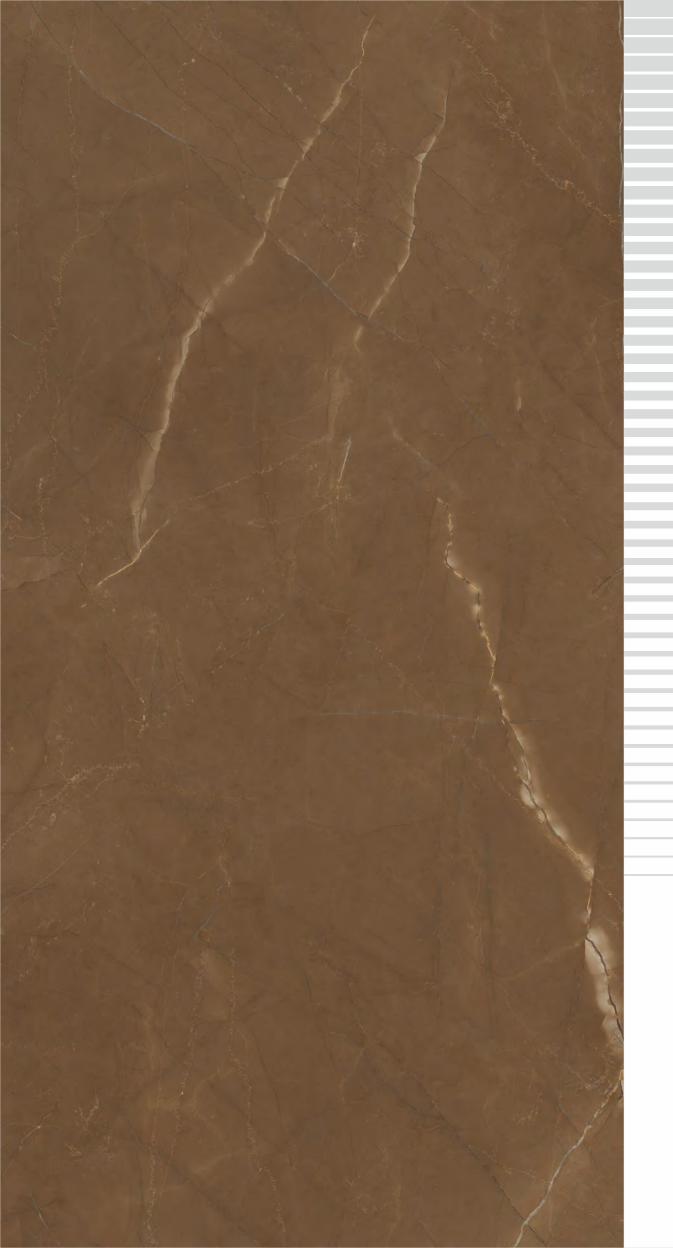
Create a warm and cozy interiors for your space with the elegantly charming shade, textures and designs.

For a new flooring and modern look













ESTHETIC MARMORÉAL | ®



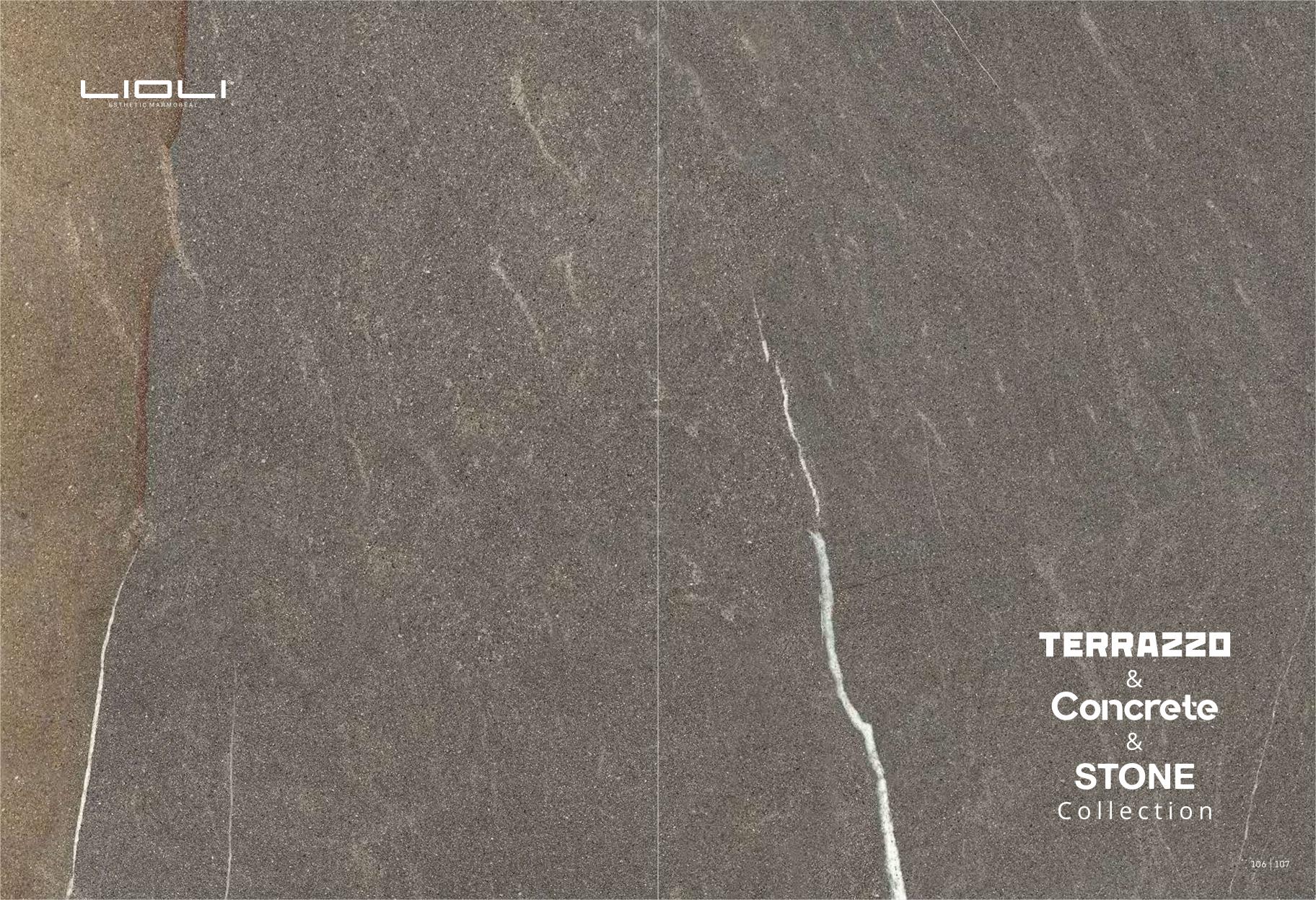
Bronze Armani

1600X 3200mm

Crystalline

Thickness: 12mm

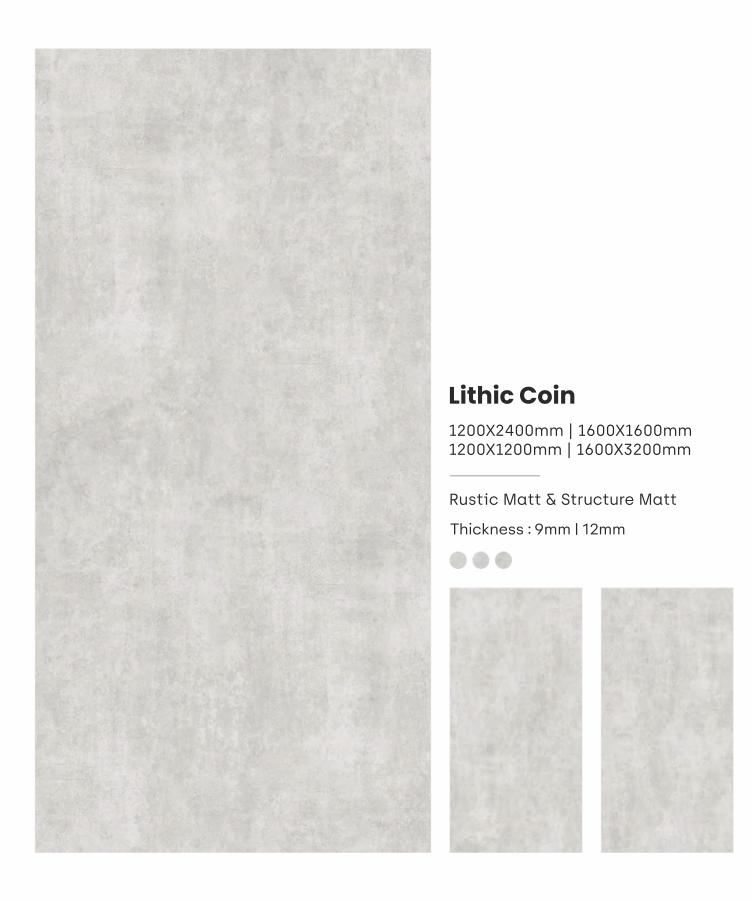


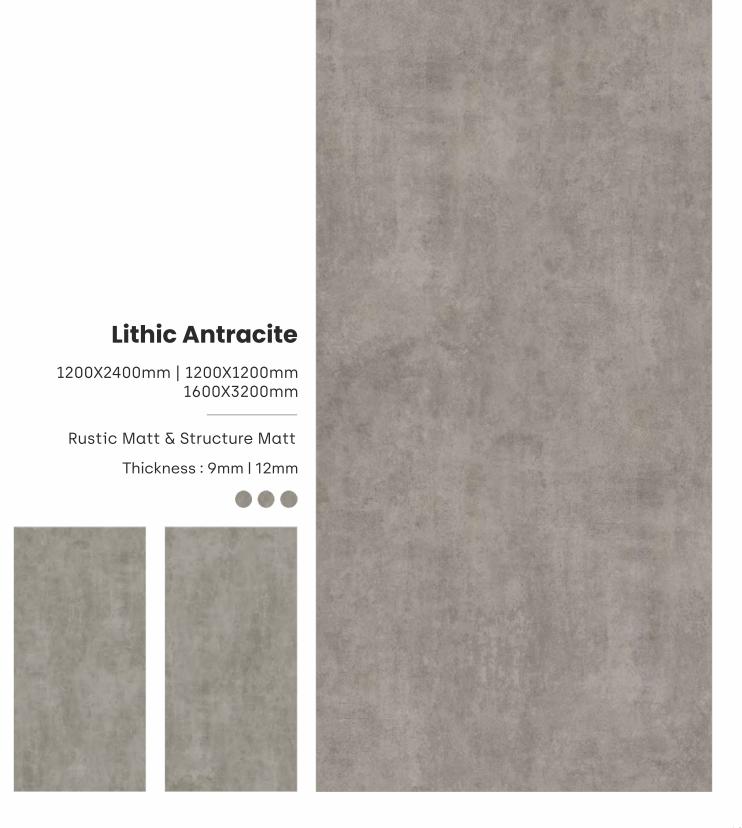




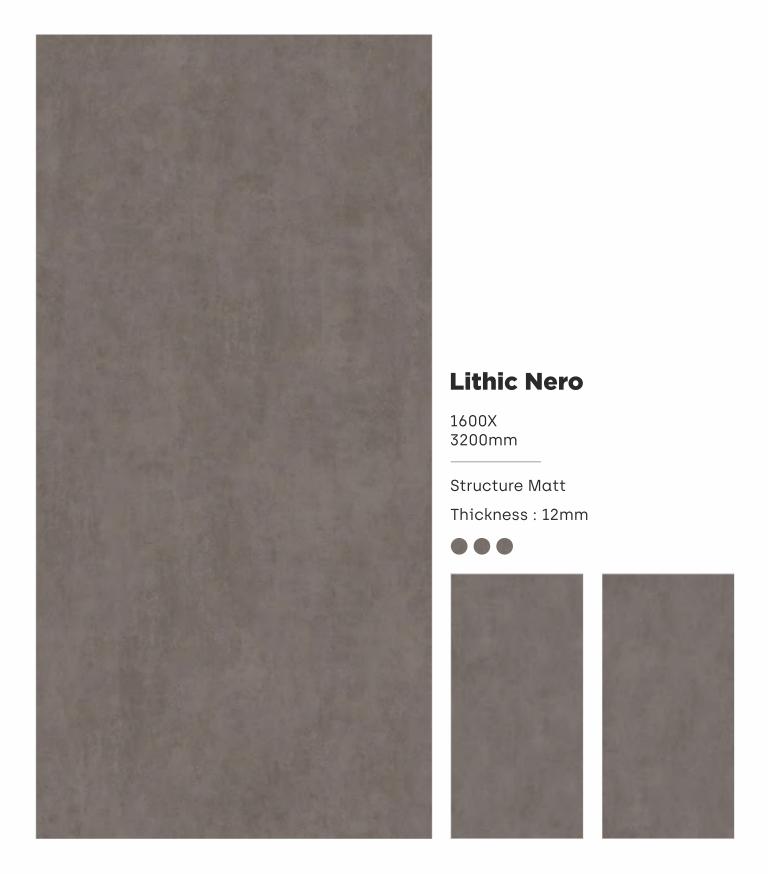
Imprints of timeless glory and classic appeal. Infuse elegance, beauty and style to your décor. An aesthetic that heart yearns for.

Evergreen elegance for splendour









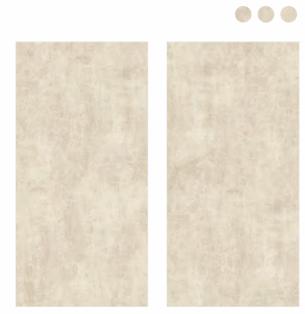
The tiles are highly versatile, offering a range of colors, textures, and sizes to choose from, making it easy to create a unique and personalized look. They are also easy to clean and maintain, making them a great long-term investment.

From classic to modern, these tiles will add the perfect touch of style and luxury to any space.

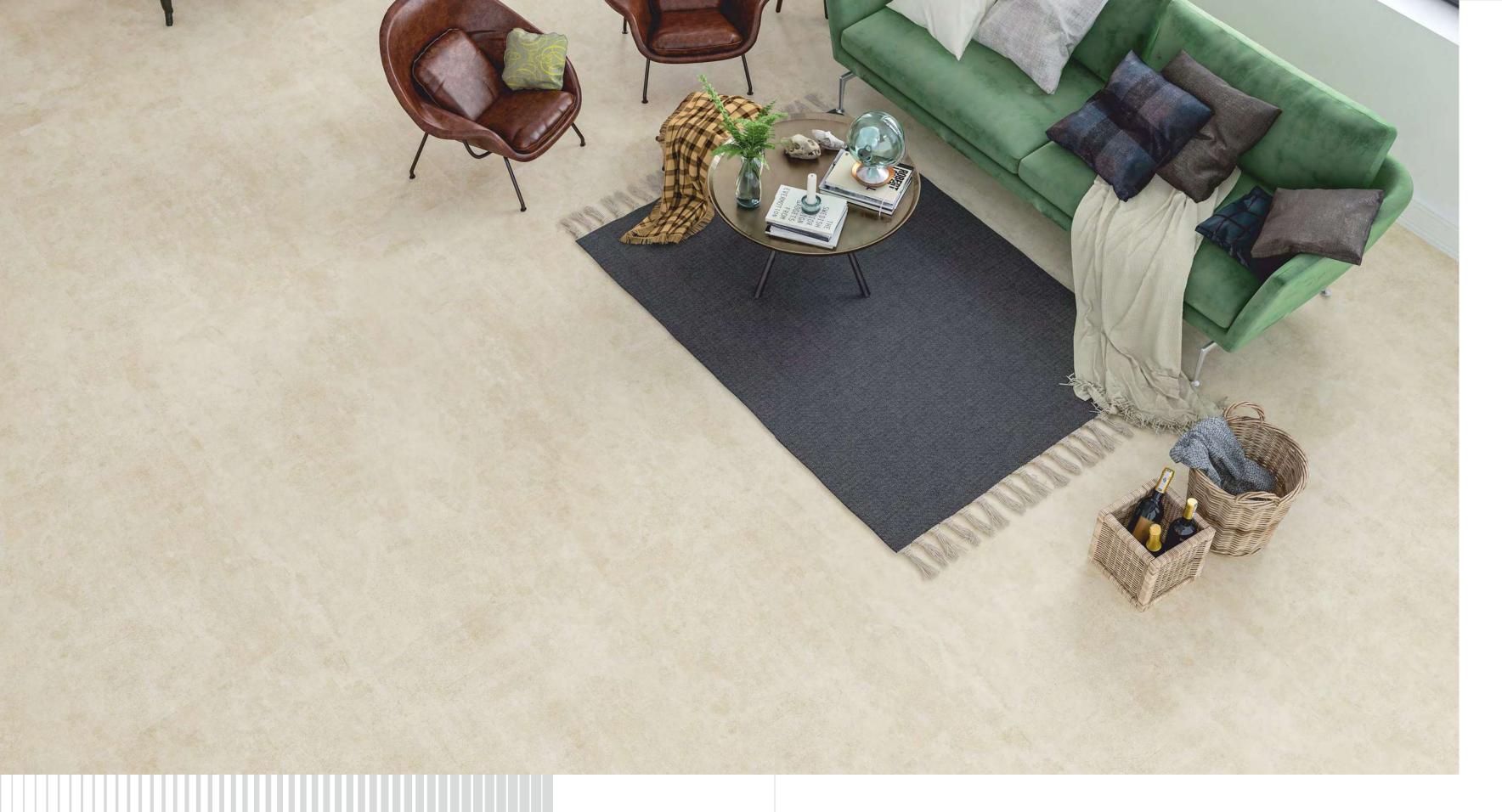
Lithic latte

1200X2400mm 1200X1200mm

Rustic Matt Thickness : 9mm







This tile is a stylish choice for any type of decorating need. Its durability makes it easy to match with any design style, creating a polished look that's perfect for any space.

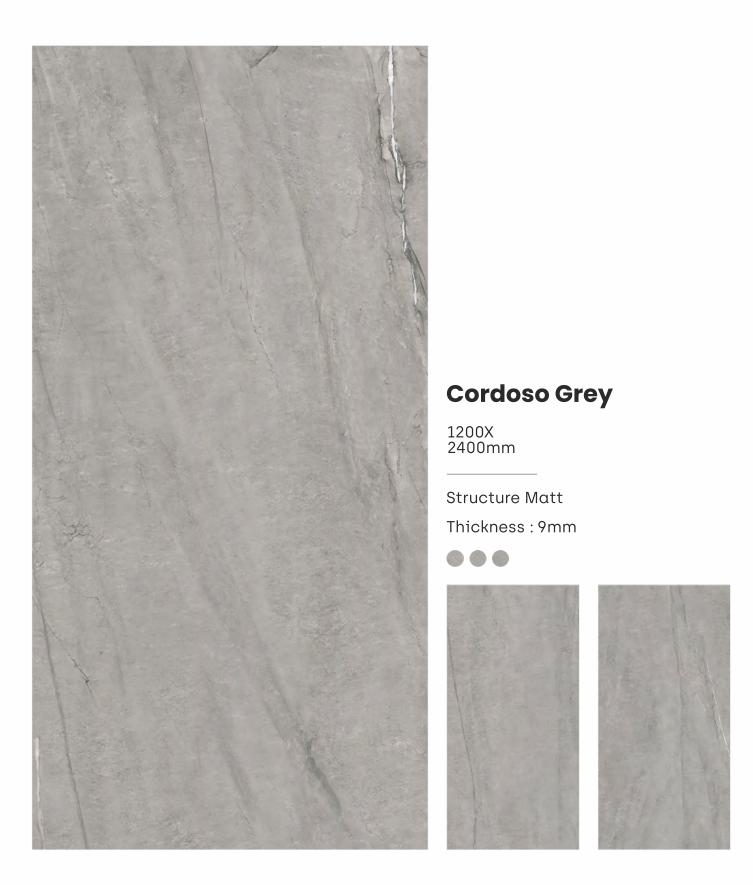
These tiles are ideal for both commercial and residential settings because they are easy to maintain. The polished finish on this tile adds a touch of luxury and elegance to any space, while the colors and quality ensure that each tile is a one-of-a-kind piece of art.

Lithic latte

1200X2400mm 1200X1200mm Rustic Matt







Infuse popular dark and powerful coffee tones.

Make your space stand out and make it remarkable. They hold a natural appeal that will enhance the interior of your home.

An aura of excellence and energy



1200X 2400mm

Structure Matt Thickness : 9mm









With their luminous glow and powerful texture, the magnificent tiles create a very refreshing and modern aesthetics. The tiles are alluring and draws your attention.

A desire of magnificent charm

Cordoso Grey

1200X2400mm Structure Matt















Piasentina

1200X2400mm 1600X3200mm

Structure Matt

Thickness: 9mm | 12mm



118 | 119

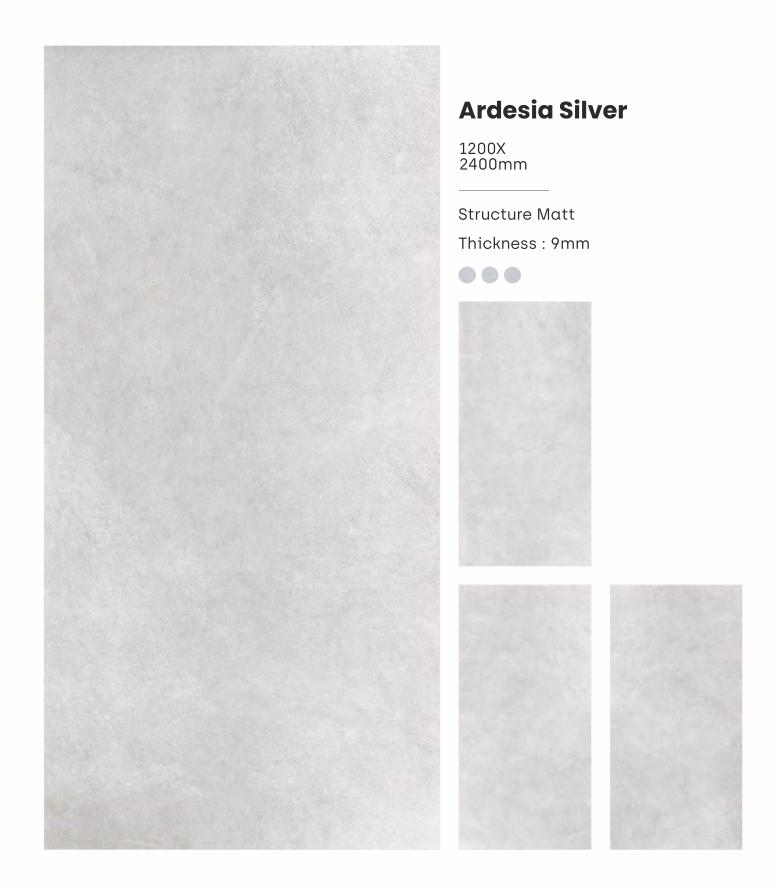


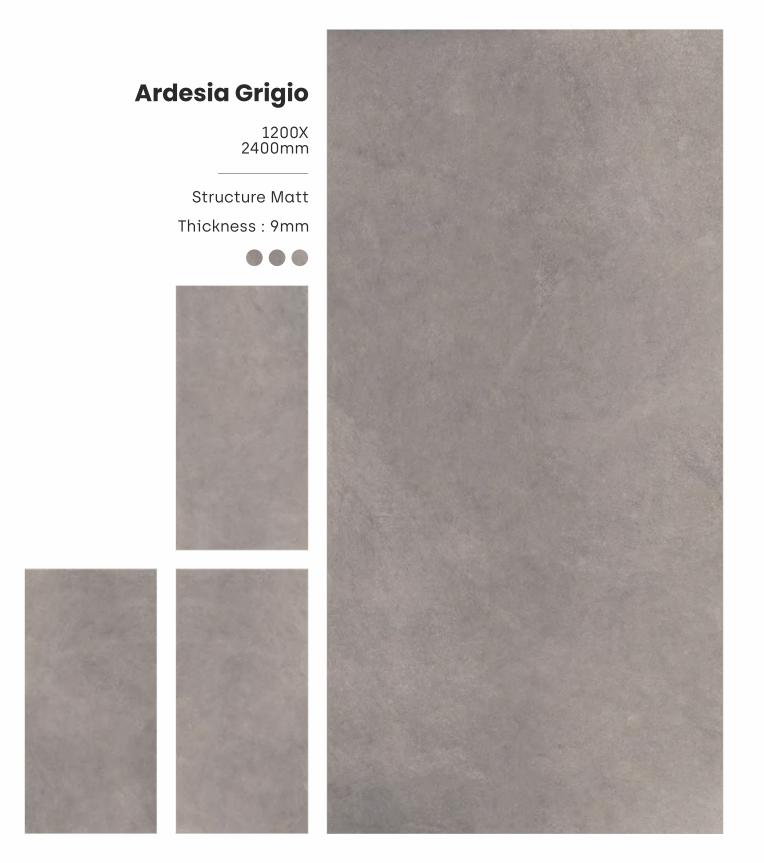


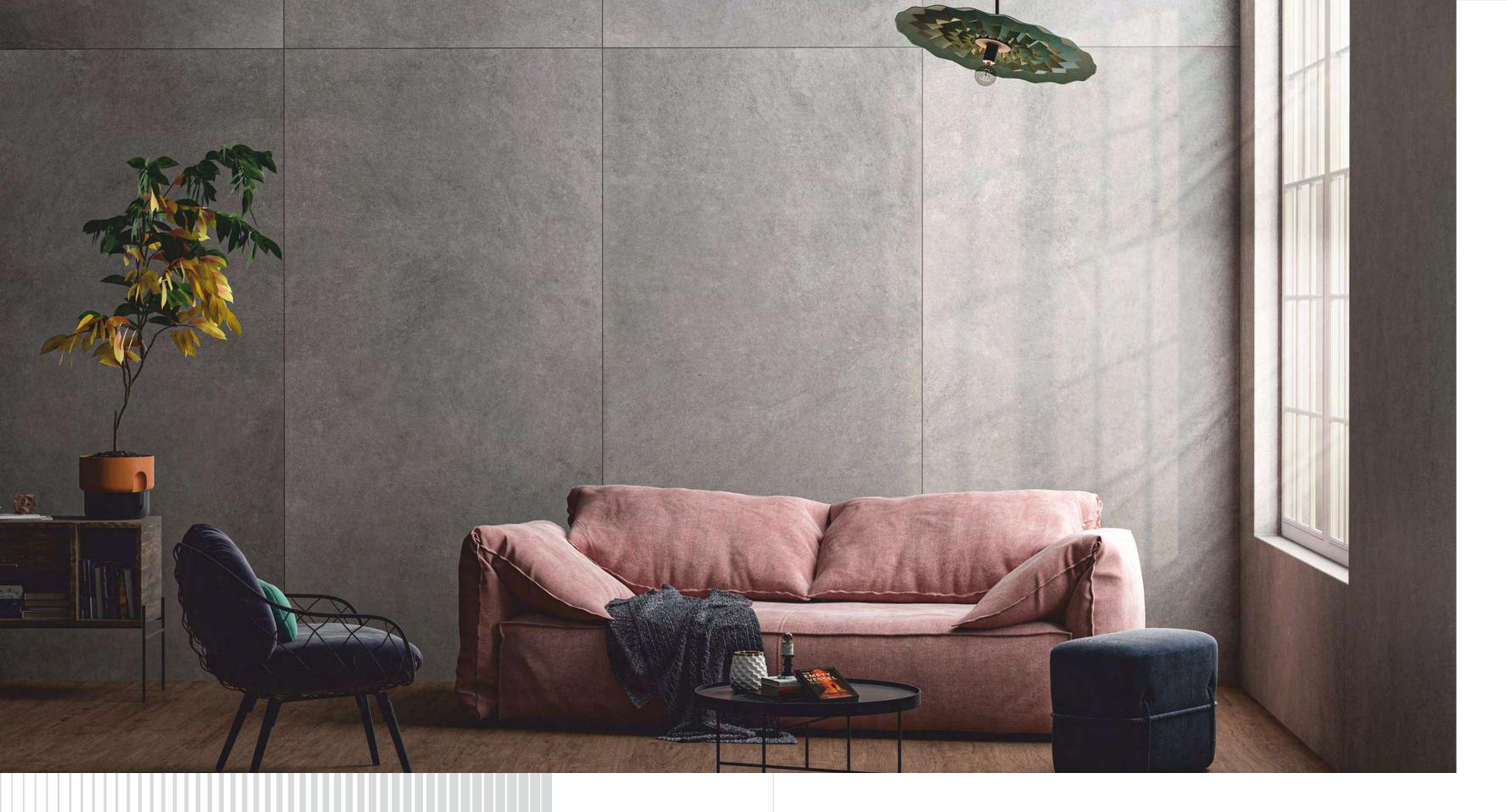
Create a statement look with striking appearance.

They are gorgeous with shine and provide a contemporary chic interiors to your space.

A look of exquisite shine







These tiles create a bold and refined look. They can be used at multiple places and can compliment any design and aesthetics. They also make your space look bigger.

For a grand and splendid gesture

Ardesia Grigio

1200X2400mm Structure Matt









Fusion Stone Gris

1200X 2400mm

Rustic Matt Thickness : 9mm



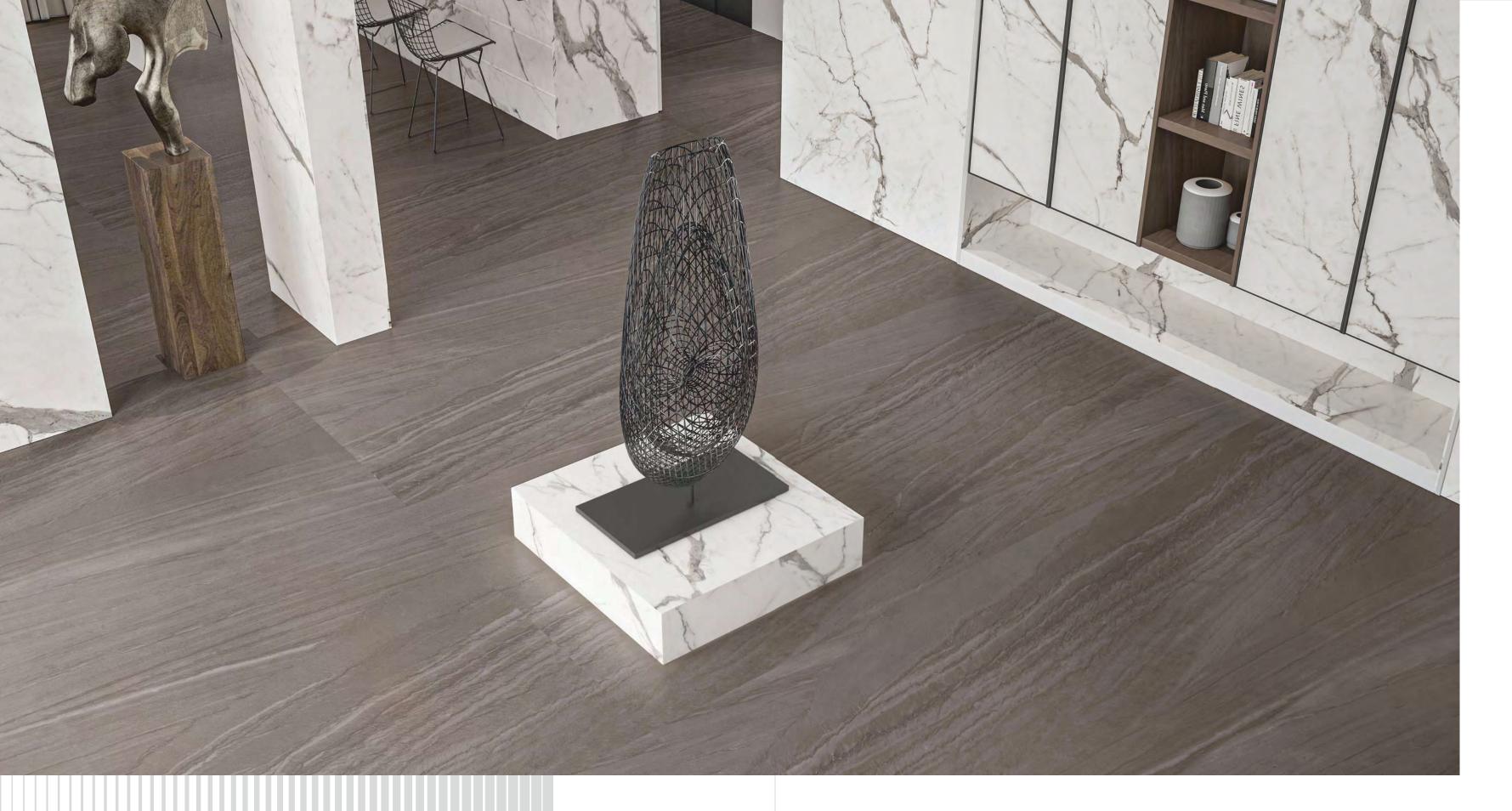


Tiles that impart a striking and beautiful look to the surface. Bring opulent aesthetic to your spaces.

It perfect sets with your design aesthetic and home decor







Add gleam of elegance and a sense of luxury to space aesthetics. Simple yet unique makes it stand out and creates an artistic appeal to your space.

Give your space a calm and sleek aesthetics.

Mountain Tortora

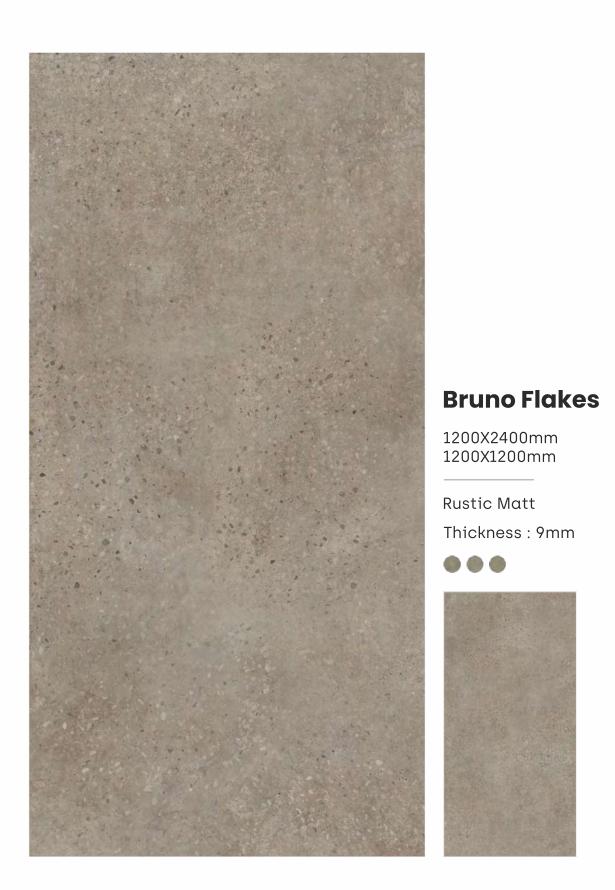
1200X2400mm Rustic Matt





Elevate the aesthetics of your home and add sophisticated charm to your space with textured patterns and flakes all over.

An aura of sheer luxury



Cemento Flakes

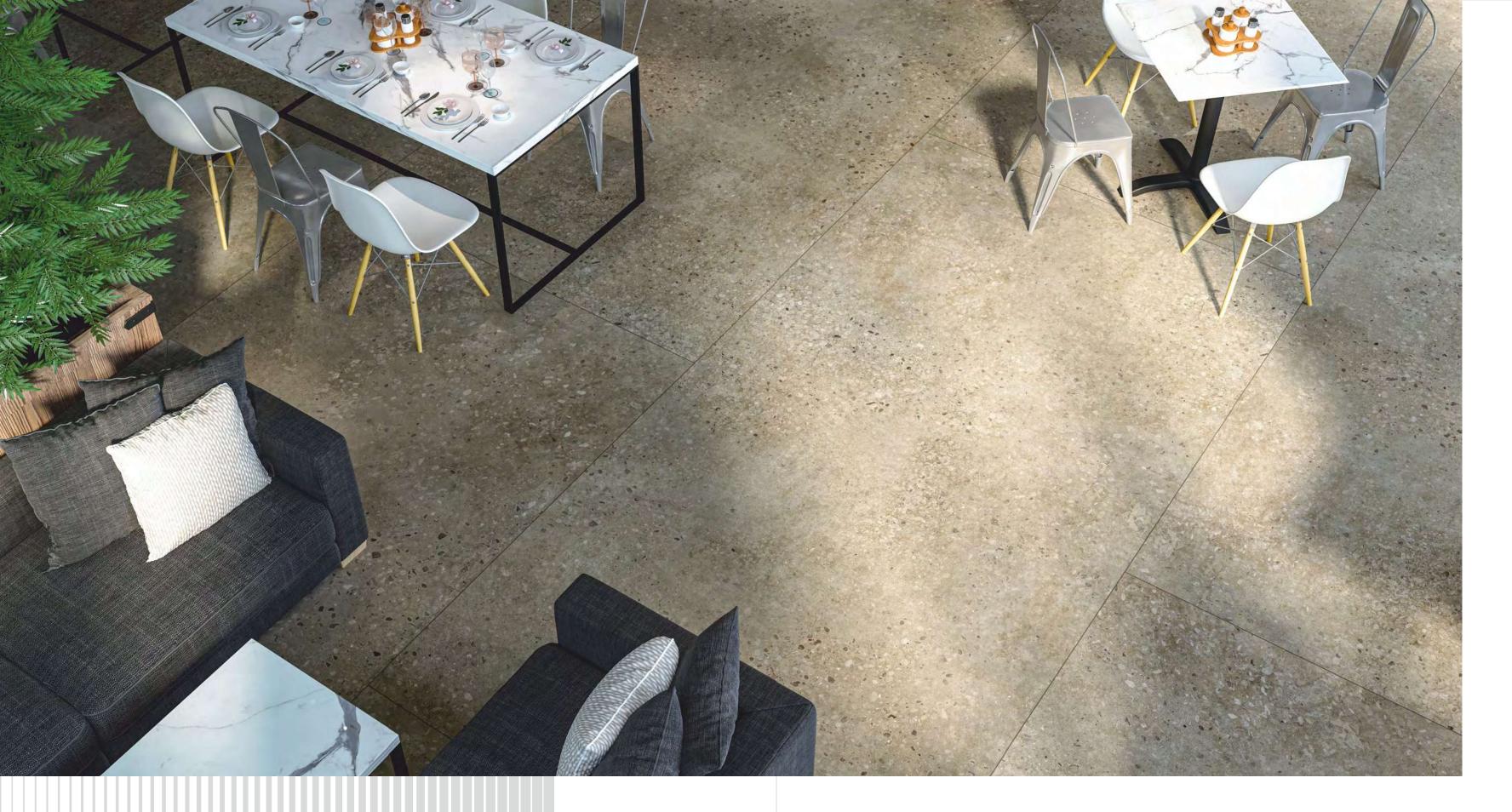
1200X 2400mm

Rustic Matt Thickness : 9mm









Bringing the magic to your space and making it look stand out. They will aesthetics that will make you fall in love at the first sight.

Cast a spell for profound aesthetics

Bruno Flakes

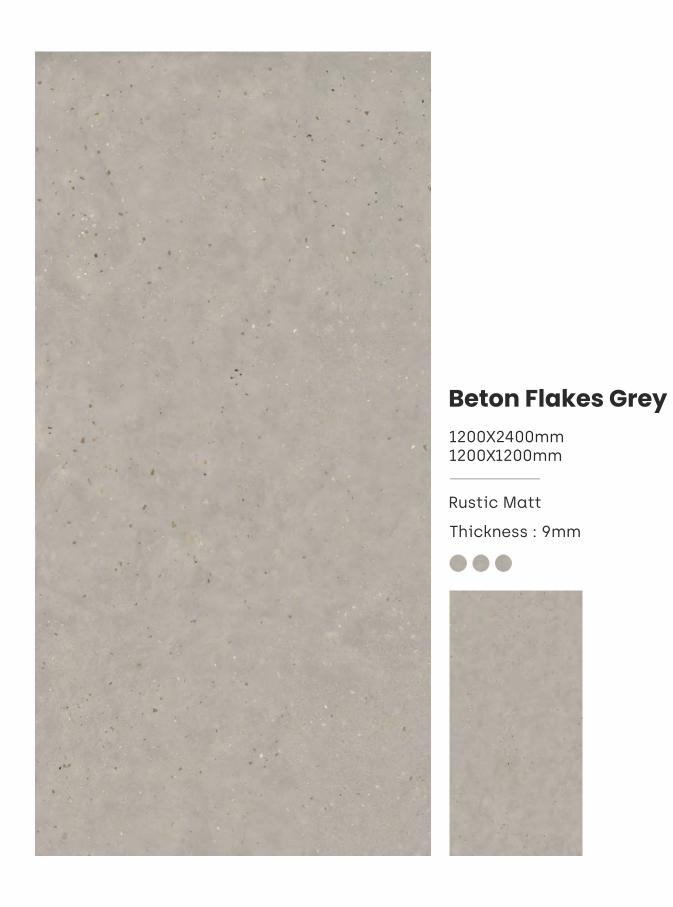
1200X2400mm 1200X1200mm Rustic Matt

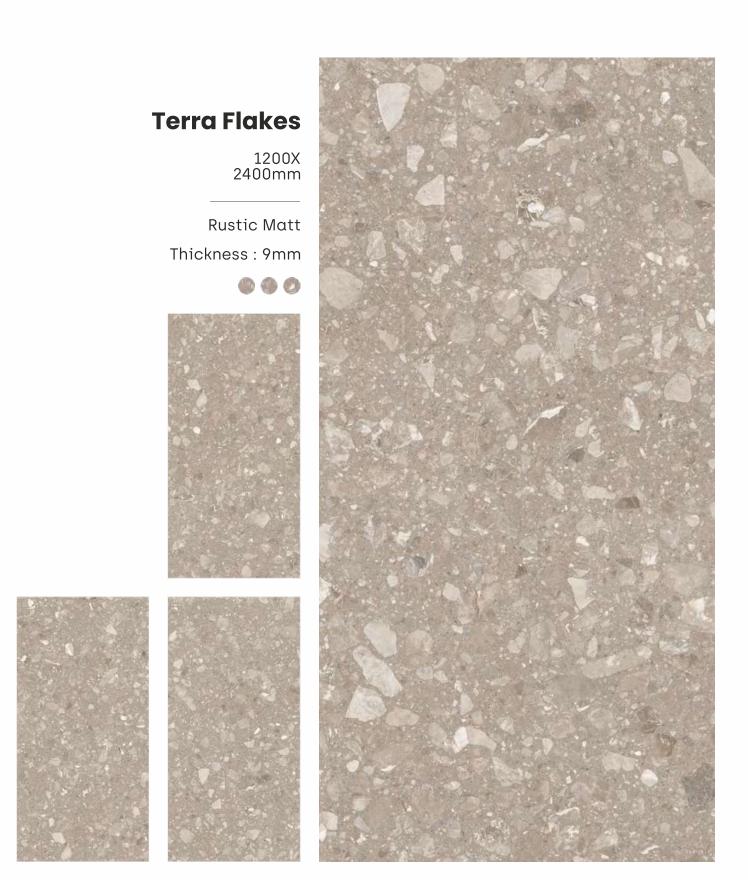


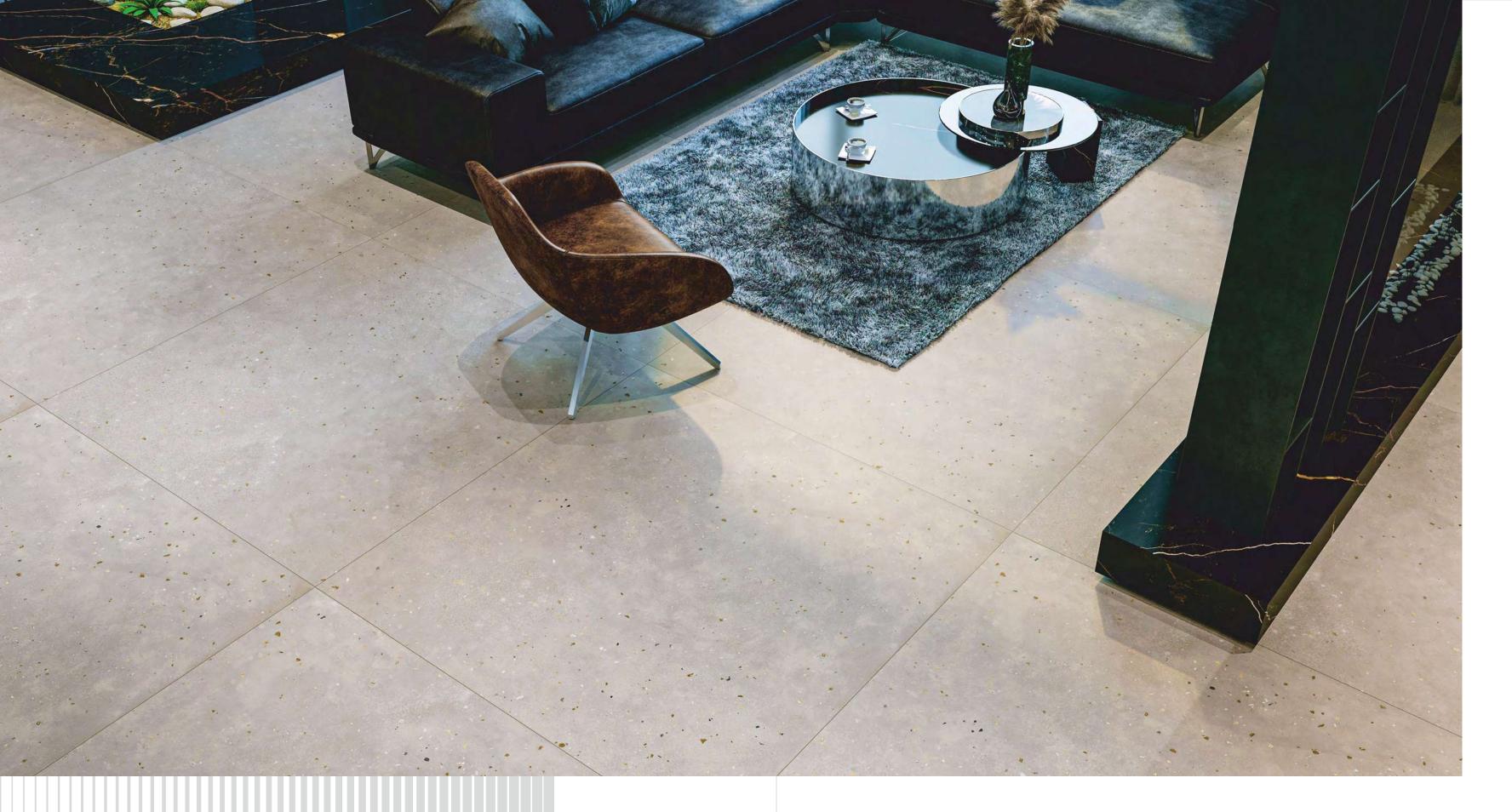


Featuring exquisite textures and a refined design. They will create an outstanding and remarkable appeal to any space.

An aesthetic that grabs your attention







Tiles that compliment designs to enhance your ambiance with a luxury touch and a unique appeal.

Enhance the style statement of your home.

Beton Flakes Grey

1200X2400mm 1200X1200mm Rustic Matt









ESTHETIC MARMORÉAL ®

Thickness : 12mm





Add colour and charm all at once. Infuse a modern or rustic look, they instantly warm up any space. The luster of tiles makes them attractive and gives them all the sheen.

For a warm ambiance

Meek Arctic

1600X 3200mm

Crystalline & Rustic Matt

Thickness: 12mm



Meek Coal

1600X 3200mm

Rustic Matt

Thickness: 12mm







The combination of colors and designs allows for a truly individualized look that can be tailored to any aesthetic. The use of these tiles in any space will surely bring an air of sophistication and timelessness.

With these pieces, you can create an atmosphere that feels special to you and invites conversation and creativity.

Meek Coal

1600X3200mm Rustic Matt





Nothing adds an extra touch of class to a space like a well-chosen piece of artwork. Natural color palettes can add sophistication to your kitchen counter. Not only does it serve to provide visual interest, but it can also help create a warm atmosphere and add a sense of personalization.

Meek Oyster Meek Ash

Meek Smoke Meek Walnut



These tiles create a bold and refined look. They can be used at multiple places and can compliment any design and aesthetics. They also make your space look bigger.

For a grand and splendid gesture

Meek Oyster

1600X3200mm Rustic Matt



Magnifying the beauty of tiles that create a calming aura. They make the space look brighter and a very subtle and classic statement indeed.

Enhance the calm of your space







Negresco Grigio

1600X 1600mm

Rustic Matt Thickness : 9mm





Negresco Latte

1600X 1600mm

Rustic Matt

Thickness : 9mm





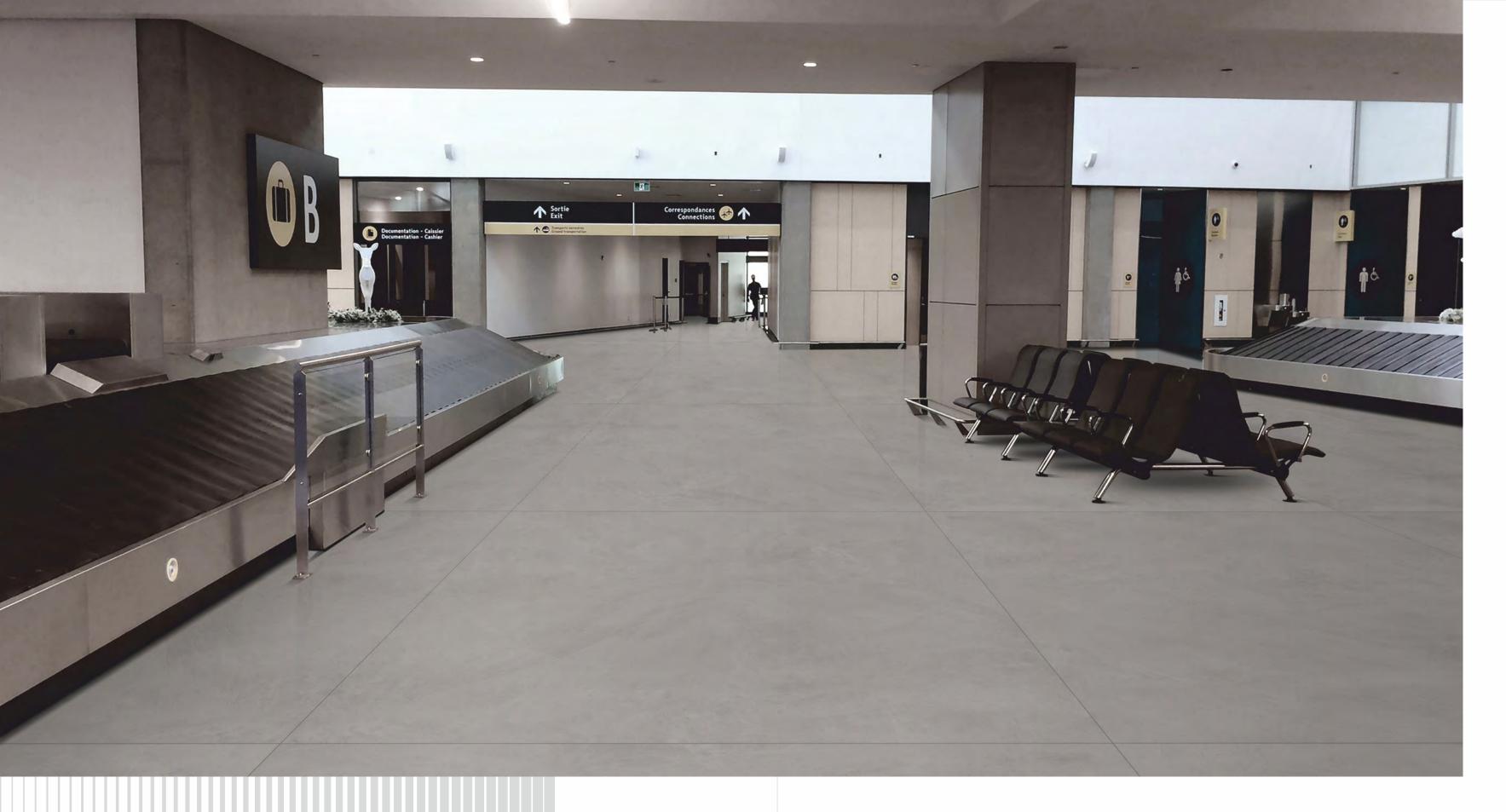
148 149











These tiles create a bold and refined look. They can be used at multiple places and can compliment any design and aesthetics. They also make your space look bigger.

For a grand and splendid gesture

Cemento Antracite

1600X1600mm Rustic Matt







Add colour and charm all at once. Infuse a modern or rustic look, they instantly warm up any space. The luster of tiles makes them attractive and gives them all the sheen.

For a warm ambiance



Meridiana Marron

1200 X 2400mm

Lustrous

Thickness: 9mm





Dolce Grey

1200X 2400mm

Lustrous Thickness: 9mm









Tiles that create a super grand appeal and lights up the whole space. The back wall looks incredibly good and sets out a luxury aura.

Meridiana Marron

1200X2400mm Lustrous





Create stellar interiors with florals.

They look super beautiful and pretty.

For a wonderfully pretty charm



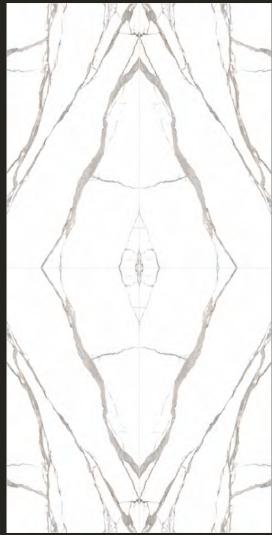
Apaune Statuario

1200X 2400mm

Lustrous

Thickness: 9mm



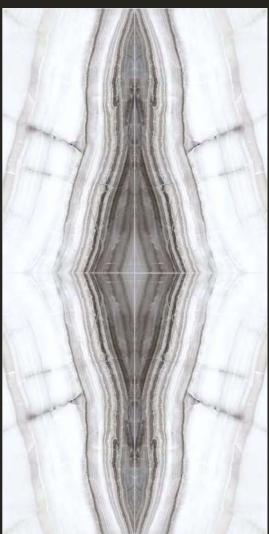


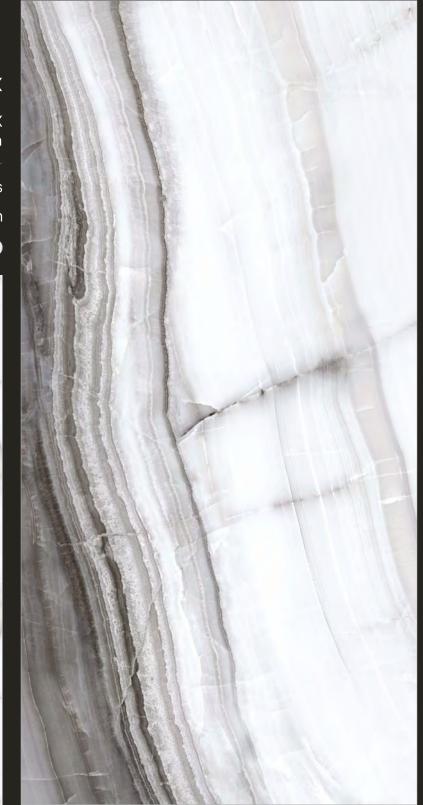
Graphite Onyx

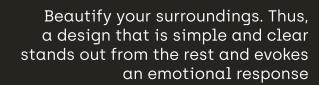
1200X 2400mm

Lustrous Thickness : 9mm













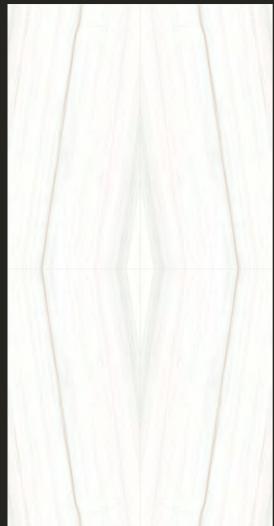
Bianco Lasa

1600X 3200mm

Crystalline & Rustic Matt

Thickness: 12mm





Calacatta Borghini

1600X 3200mm

Crystalline & Rustic Matt

Thickness:12mm







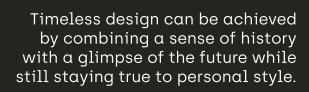


Tiles that create a super grand appeal and lights up the whole space. The back wall looks incredibly good and sets out a luxury aura.

Bianco Lasa

1600X3200mm Crystalline & Rustic Matt









Calacatta Macchia Vecchia

1600X 3200mm

Crystalline & Rustic Matt

Thickness:12mm





Statuario

1600X 3200mm

Crystalline & Rustic Matt
Thickness: 12mm

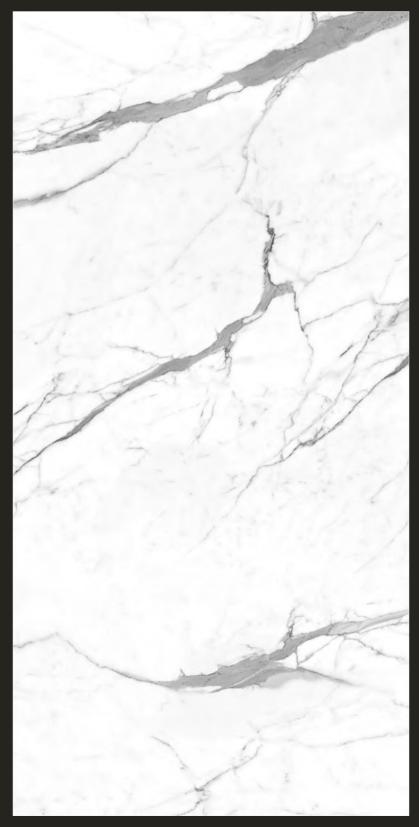












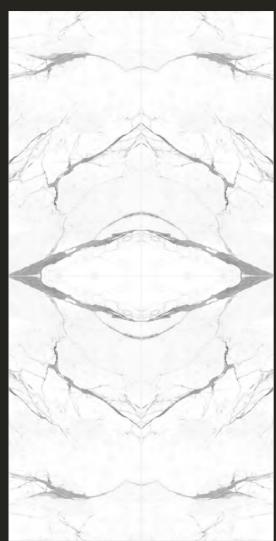
Statuario Norwell

1600X 3200mm

Crystalline & Rustic Matt

Thickness: 12mm



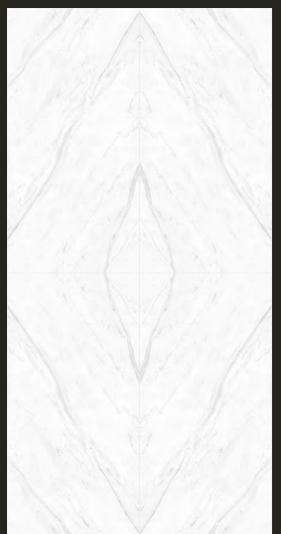


Statuario Platina

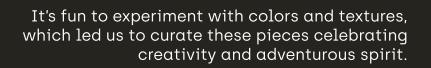
1600X 3200mm

Crystalline & Rustic Matt
Thickness: 12mm

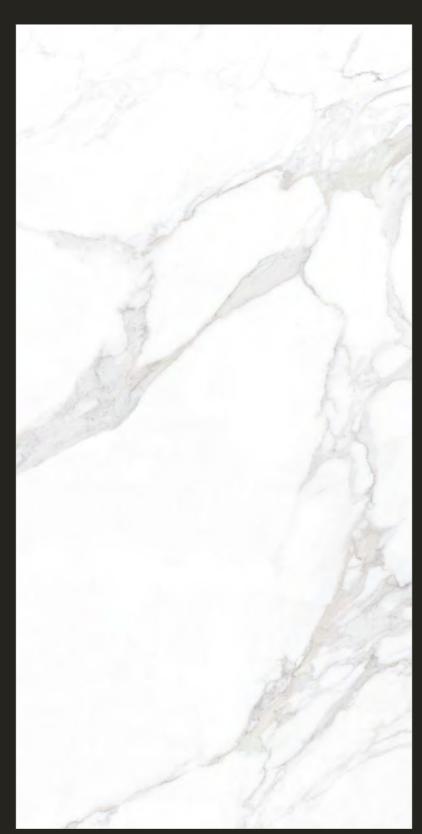












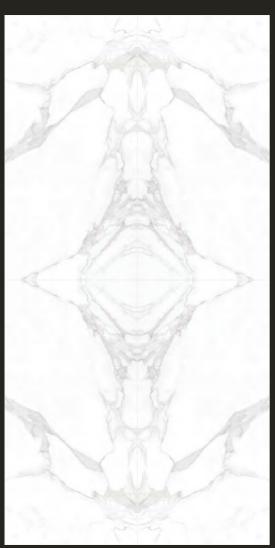
Statuario Venetian

1600X 3200mm

Crystalline & Rustic Matt

Thickness: 12mm







1600X 3200mm

Crystalline & Rustic Matt

Thickness: 12mm

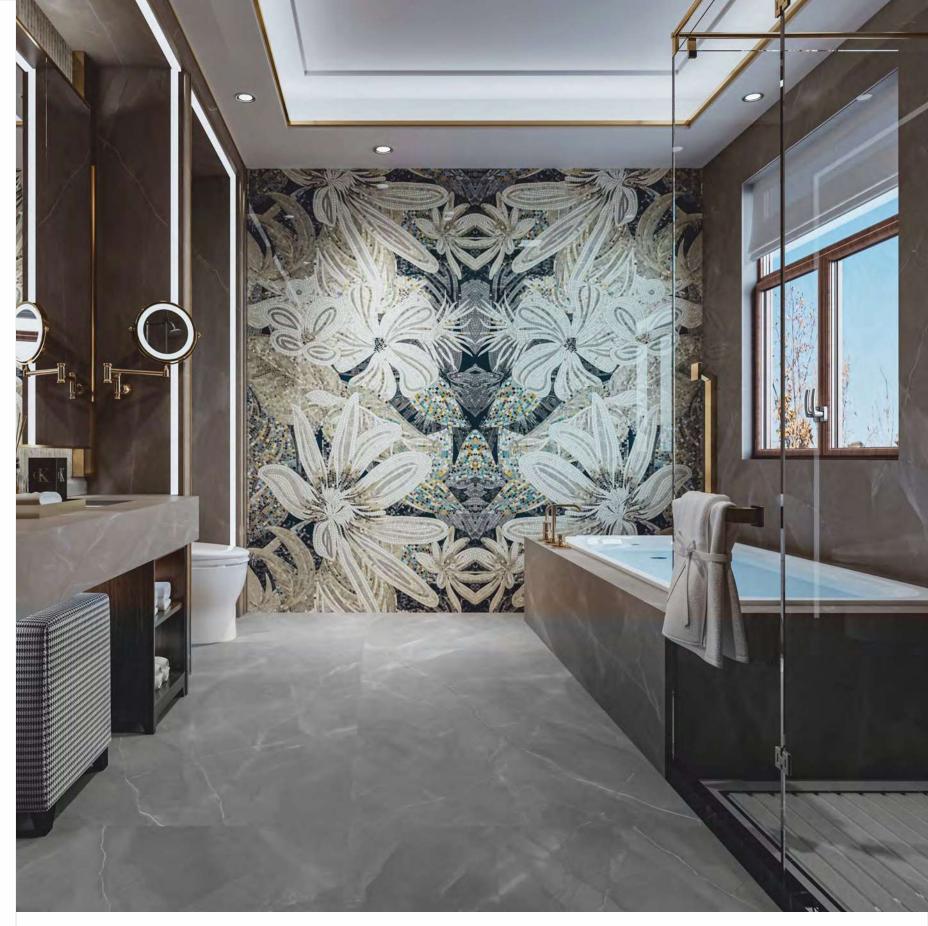


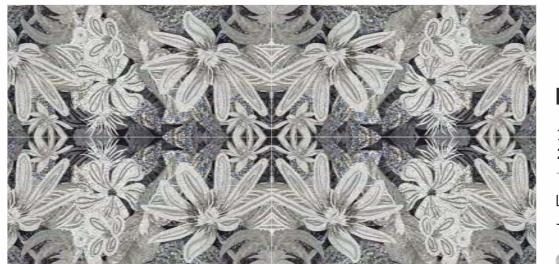












Flora Mosaic

1200X 2400mm

Lustrous

Thickness: 9mm

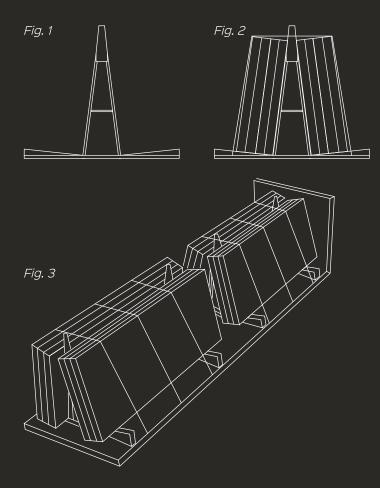


O3.1 Transportation & Handling

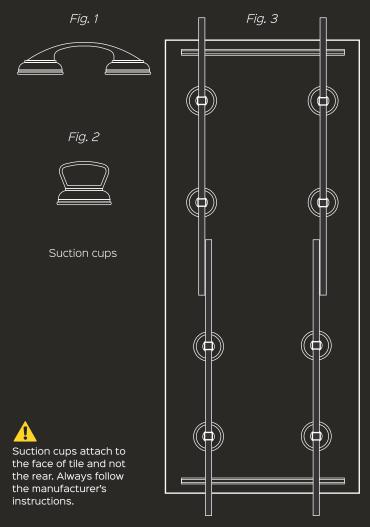
O3.1.1 Transporting TechnoSLAB

Following is a common slab storage situation; it highlights problems that can result from improper securing. The cargo transport unit of TechnoSLAB is formed on two "A - shaped" frames, provided by us. (Fig. 1 & 2)

Research into regulatory guidance from other sources did not uncover any recommendations specifically concerning natural stone slabs and road transportation, but the Swedish National Road and Transport Research (VTI) Institute issued recommendations for the transportation of panels more than 15 years ago, which are illustrated in (Fig. 3)



03.1.2 Manually transporting a TechnoSLAB



Typical suction cups(Fig. 2) of different kinds are a prime aid, although a couple of workers will be needed to carry the tiles and these may still get deformed.

To allow the extraction of the slabs in a safe and easy way, it is recommended to position the pallets in a suitable area where the lift truck can be moved round all sides of the pallet.

In the case of tiles with a textured surface, soft rubber suction pads (Fig. 1) should be used to ensure a strong grip. Suction pads fixed to a lifting bar will make it easier to handle the products and prevent them from becoming deformed. By using two of these bars, all kind of operations can be performed by just two people.

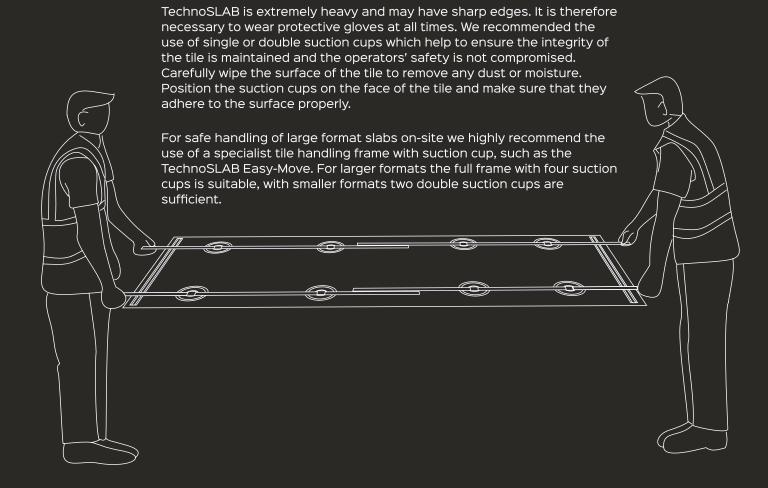
However, the best solution is to use a rigid lifting frame (Fig. 3) with suction cups that grip the tile on all four sides.

The lifting frame can be designed to adapt to all tile formats, sizes or cut sections, keeping the tiles undamaged and allowing them to be handled by fewer people.

Possible operations

- 1. To remove the tiles from the box
- 2. To place them on the work table
- 3. To carry them anywhere on the work site
- 4. To spread cement-based adhesive on the underside
- 5. To help lay them

O3.1.3 Manually transporting a TechnoSLAB



03.2 Storage

Place the slabs length-wise on wooden beams to prevent the slabs from splintering.

4mm & 6mm slabs needs at least three support points, distributed evenly along the back of the slab; a full support is recommended. For example - an unused granite or marble slab with sufficient width. The best way to maintain the integrity of the slabs is to keep them in their original Packaging or use a full support on the back of the TechnoSLAB such as an unused granite or marble slab which is wide enough.

The supports must be able to hold the entire surface of the part during transport.

Too small supports may cause the part to break:



Avoid positioning large slabs against smaller slabs:

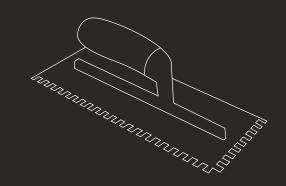
O3.3 Laying & Fixing

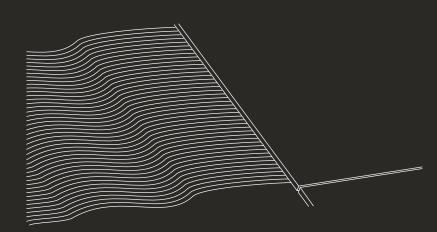
The growth in popularity of large format tiles, with their increased weight and smoother backs, presents new fixing challenges to the professional tiler.

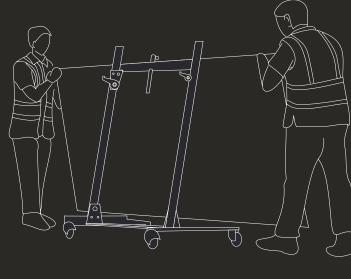
Correct preparation of the subfloor or laying surface is crucial. The laying surface should be rigid, non-flexing and capable of supporting the expected load with minimal or no deflection. A level subfloor is extremely important in order to keep tiles from cracking. Sanding high spots and the use of a levelling compound on low spots is essential. It is also important that TechnoSLAB are clean and dry, if necessary wash them with clean water and dry them thoroughly before fixing.

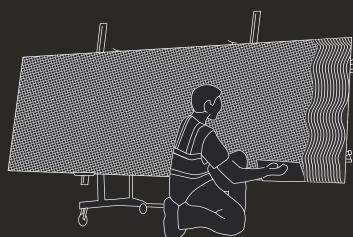
Whatever your specific requirements, whether they be for standard or large format TechnoSLAB within internal or external applications, selecting the appropriate cement-based, fibre-reinforced or ready-mixed adhesive is vital to ensuring the success of your project.

Once your subfloor is clean and dry, spread the adhesive on the surface to be covered with a 10x10mm square toothed trowel, covering an area 5cm to 10cm more than the size of the TechnoSLAB. Always apply the adhesive in stripes running parallel with the short edge to remove air pockets and bubbles. By using this method, full coverage of the TechnoSLAB with adhesive is ensured.









Large format TechnoSLAB always require backbuttering. Back-buttering describes the process of applying a layer of adhesive to the back of the tiles using a trowel.

Using a specialist wheeled transport cart, fix the large format slab in a vertical position on the handling frame with the use of suction cups. Use a 10x10mm square toothed trowel for applying your adhesive to the wall or floor and when back-buttering use a 3x3mm square toothed trowel for the back of the tile.

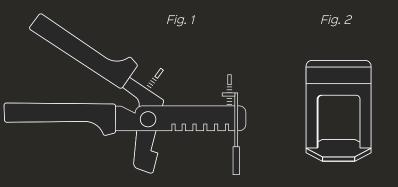
Using the handling frame with suction cups, bring the slab into a vertical position and slowly lower it to horizontal. The TechnoSLAB should be firmly pressed into the adhesive along a straight edge, collapsing all adhesive ridges. Use a levelling system to avoid lippage and frequently checks that your TechnoSLAB are even using a suitable box level. Levelling systems are available with 2mm 3mm and 5mm tile spacers.

Periodically check the tiles backs to make sure there is full contact between the adhesive and tile. If not apply additional adhesive to the tile or use a troll with larger notches in your adhesive. As you are working wipe off excess mortar with a wet sponge.

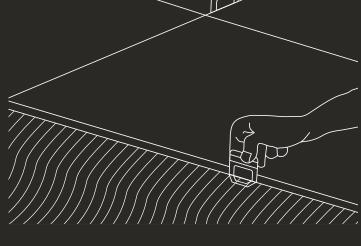
03.4 Levelling

Tile levelling systems are now commonly used. With large-format TechnoSLAB, they are absolutely essential. Given the size of the TechnoSLAB and their slimline thickness, unless a levelling system is used, it will result in lippage.

After the first TechnoSLAB has been laid and levelled, before proceeding to lay the second one, insert levelling clips below the first (Fig. 2). Then lay the next TechnoSLAB and tap it to ensure a firm bond. Next, adjust the level(Fig. 3) of both TechnoSLABs by pushing the wedges into place 5 with the levelling pliers (Fig. 1).

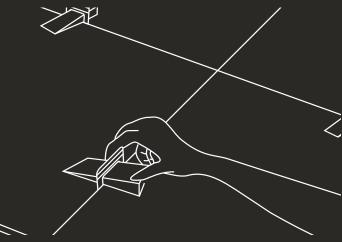


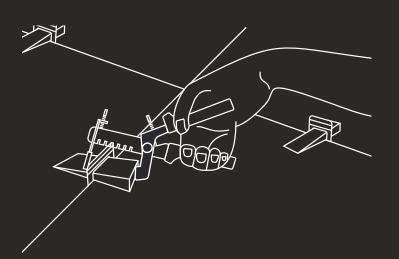




The contributing factors to what causes TechnoSLAB lippage are how much warpage the TechnoSLAB has, the width of the grout, how flat the substrate is, and the expertise of the tile installer. We recommend that lippage should not be greater than 2mm at the most for this type of installation.

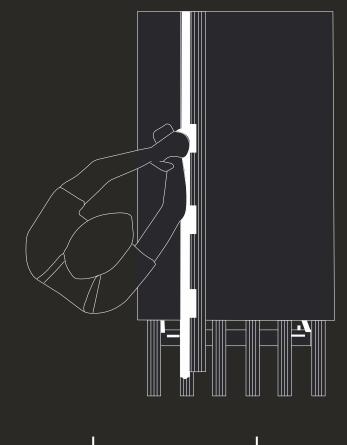
In order to ensure a uniform surface and produce a surface with acceptable lippage, make use a levelling system to avoid lippage and frequently check that your TechnoSLAB are even using a suitable box level. Levelling systems are available with 2mm, 3mm and 5mm tile spacers.

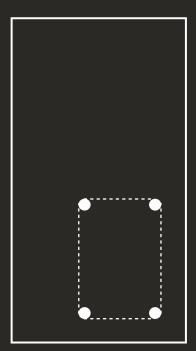




03.5 Cutting

Mark the portion to be removed at the ends of the TechnoSLAB with a pencil. Position the cutting guide with cutting carriage so that the references on the guide coincide with the lines marked on the panels. Lock the cutting guide with the cutting carriage in place using the suction cups. To guarantee correct scoring, the pressure and movement of the cutting carriage must be constant along the whole length of the cut. Score one end of the panel by 15cm pushing the cutting carriage towards the edge of the panel. Complete the scoring up to the opposite end of the panel.



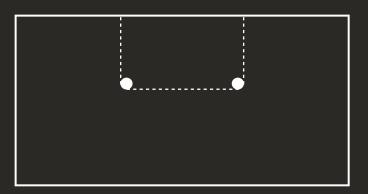




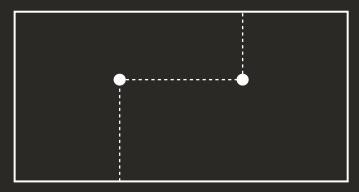




Prepare the holes on all inner corners, minimum 3mm bit diameter.



When cutting a "U" shaped piece, mark and drill relief holes where the cut lines intersect, always making the shortest cut first.



When cutting an "L" countertop, drill relief holes where the cut lines intersect, always making the shortest cut first

O3.6 Cleaning

O3.6.1 Cleaning after laying



We suggest a good initial cleaning after the laying on the floor or wall, this is very important for removing residual grouting and the normal dirt coming from the building works.

We suggest the use of a cementitious descaler, that is a lightly acid product that doesn't emit fumes that are harmful for the user and that can attack joints. In case of material layed with epoxy or resinous grouting, we recommend to clean after laying with specific detergent.

O3.6.2 Regular maintenance

Fig. 1

For a good cleaning of the floor we suggest the use of a natural detergent with a high cleaning power. In case of strong dirty and encrusted by the time, we recommend to consult the following scheme to find the perfect solution to every situation

TYPE OF DIRT	PRODUCT
Cement, Kalkstein, metal tracer, rust	Cementitious descaler
Residuals, stains and halos of epoxi joints	Epoxi descaler
Grease, tire marks, colours, marker, etc.	Non soap degrease
Grafitis	Acetone and antigraffiti star

O3.6.3 Recommendations

Drying process

Once the tiles have been grouted and any excess grout cleaned off, it is important to wait the stipulated time before using the tiled surface; in other words, any cleaning should wait until the tiled surface is completely dry. We recommend waiting 5 days before cleaning in readiness for full use.

Protection from liquid

The newly tiled surface must be protected from water and damp while the adhesive and grouting materials are maturing and hardening. This is particularly important in outside spaces and areas where there is a risk of freezing.

Damage Prevention

Measures should also be taken to protect the newly tiled surface against mechanical or chemical damage resulting from subsequent work by other professionals or later installations. Damage can be prevented by covering the floor tiles with thick cardboard or similar material.

Cleaning products

For the final cleaning of the tiled surface, the products used should be compatible with the chemical resistance of the tiles. Avoid solid detergents with abrasive particles and solutions containing hydrofluoric acid, which attacks the glaze and causes irreversible damage to the ceramic tile.

O3.7 Technical specification

CHARACTERISTIC TEST METHOD		MEAN VALUE OF LIOLI	STD. AS PER ISO13006:2012/ EN14411 Gr.Bla	STD. AS PER IS15622:2017 Gr.Bla
Regulatory Properties				
Deviation in length and width	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Deviation in thickness	ISO 10545-2 & IS 13630-1	± 4.00 %	± 5.00 %	± 5.0 %
Straightness in side	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.10 %
Rectangularity	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.60 %	± 0.10%
Surface flatness Central Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Edge Curvature	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface flatness Warpage	ISO 10545-2 & IS 13630-1	± 0.10 %	± 0.50 %	± 0.50 %
Surface Quality	ISO 10545-2 & IS 13630-1	> 95% defects free	> 95% defects free	> 95% defects free
Small Color Difference	ISO 10545-16	No Change	Unaltered	N.A.
Glossiness (With Nano Polished)	Gloss Meter 60°	> 90° **	As per Mfg.	As per Mfg.
Glossiness (Without Polished)	Gloss Meter 60°	7° < Gloss < 14°**	As per Mfg.	As per Mfg.
Glossiness (Satin Finished)	Gloss Meter 60°	15° < Gloss < 25°**	As per Mfg.	As per Mfg.
Structural Properties				
Water absorption	ISO 10545-2 & IS 13630-3	≤ 0.50 %	≤ 0.50 %	≤ 0.80 %
Bulk density	DIN51082 & IS 13630-3	> 2.28 gm/cc	> 2.00 g/cc	Min. 2.20 g/cc
Massive Mechanical Properties				
Modulus of rupture	ISO 10545-4 & IS 13630-6	Min. 37.0 N/mm²	Min. 35.0 N/mm²	Min. 35.0 N/mm²
Breaking strength thickness <7.5	ISO 10545-4 & IS 13630-6	Min. 1000.0 N	Min. 700.0 N	Min. 700.0 N
Breaking strength thickness ≥7.5	ISO 10545-4 & IS 13630-6	Min. 1600.0 N	Min. 1300.0 N	Min. 1100.0 N
Surface Mechanical Properties				
MOH'S hardness	EN 101 & IS 13630-13	Min. 4***	Min. 4	Min. 5
Surface abrasion resistance-Glossy #	ISO 10545-7 & IS 13630-11	Min. Class 2	As per Mfg.	Min. Class II
Surface abrasion resistance-Matt #	ISO 10545-7 & IS 13630-11	Min. Class 3	As per Mfg.	Min. Class II
Thermal Hydrometric Properties				
	100 405 45 40 0 10 40000 0	S.III	l N 0.00	l Mari 0.00
Moisture expansion	ISO 10545-10 & IS 13630-3	NIL	Max. 0.06	Max. 0.02
Thermal expansion(COE) at 100°C	ISO 10545-8 & IS 13630-4	Max. 6.0 x 10 ⁻⁶	As per Mfg.	Max. 7.0 x 10 ⁻⁶
Thermal shock resistance	ISO 10545-9 & IS 13630-5	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle
Crazing Resistance at 7.5 Bar	ISO10545-11 & IS 13630-9	Min. 6 Cycle	As per Mfg.	Min. 4 Cycle
Impact resistance(COR)	ISO 10545-5 & IS 13630-14	Min. 0.55	As per Mfg.	Min. 0.55
Frost resistance	ISO10545-12 & IS 13630-10	Frost Proof	As per Mfg.	As per Mfg.
Chemical Properties				
**Resistance to Staining Glazed	ISO 10545-14 & IS 13630-8	Min. Class 4 / Min. Class I	Min. Class 3	Min. Class I
**Resistance to Household Chem- icals & Swimming Pool Salts Glazed	ISO 10545-13 & IS 13630-8	Min. Class GA / Min. Class AA	Min. Class GB	Min. Class AA
Resistance to Low / High Concentrate Acid and Alkalis Glazed	ISO 10545-13 & IS 13630-8	Min. Class GLB** / Min. Class A****	As per Mfg.	As per Mfg.
Safety Properties				
Skid resistance(DCOF-DRY)	ISO 10545-17	> 0.40	As per Mfg.	As per Mfg.
Slip resistance(DCOF)(R value)##	ISO 10545-17	N.A.	As per Mfg.	As per Mfg.
Determination of Lead & Cadmium Release for Glazed Tiles	ISO 10545-15	Dose not yield Pb & Cd	As per Mfg.	N.A.
Fire Resistance	N.A.	Fire Proof	As per Mfg.	As per Mfg.

[#] Glaze tiles Intended for use on floor

O3.8 Container packing details

	Size	Thickness	Weight /Slab	No. of Bundles or A-Frames	Total Slabs or Box	Slabs / Container	sq mtr/ Container	Weight/ Container	Size of Container
**	3200x1600mm	6mm	73.5 kg	7	40 slabs	280	1433.60	21.5 t	20 ft
##	3200x1600mm	6mm	73.5 kg	3	40 slabs	120	614.40	9.82 t	20 ft
##	3200x1600mm	6mm	73.5 kg	9	40 slabs	360	1843.20	27.6 t	40 ft
**	3200x1600mm	9mm	110.0 kg	7	26 slabs	182	931.84	20.2 t	20 ft
##	3200x1600mm	9mm	110.0 kg	9	26 slabs	234	1198.08	25.7 t	40 ft
**	3200x1600mm	12mm	147.0 kg	7	20 slabs	140	716.80	21.5 t	20 ft
##	3200x1600mm	12mm	147.0 kg	3	20 slabs	60	307.20	9.8 t	20 ft
##	3200x1600mm	12mm	147.0 kg	9	20 slabs	180	921.60	27.4 t	40 ft
* + #	2400x1200mm	6mm	41.5 kg	8° + 4#	56° + 24#	544	1566.72	23.0 t	20 ft
##	2400x1200mm	6mm	41.5 kg	4	40 box	320	921.60	14.0 t	20 ft
#	2400x1200mm	6mm	41.5 kg	12	24 slabs	288	829.40	13.1 t	20 ft
*	2400x1200mm	6mm	41.5 kg	11' + 1'	56° + 24°	640	1843.20	27.0 t	40 ft
##	2400x1200mm	6mm	41.5 kg	8	80 slabs	640	1843.20	27.0 t	40 ft
#	2400x1200mm	6mm	41.5 kg	24	24 slabs	576	1658.90	26.3 t	40 ft
* + #	2400x1200mm	9mm	62 kg	8* + 4#	34* + 16#	336	967.68	21.4 t	20 ft
##	2400x1200mm	9mm	62 kg	4	50 box	200	576.00	12.8 t	20 ft
#	2400x1200mm	9mm	62 kg	12	16 slabs	192	552.90	13.1 t	20 ft
*	2400x1200mm	9mm	62 kg	12" + 1"	34" + 12" box	420	1209.6	26.5 t	40 ft
##	2400x1200mm	9mm	62 kg	8	50 box	400	1152.00	25.4 t	40 ft
#	2400x1200mm	9mm	62 kg	24	16 slabs	384	1105.90	26.2 t	40 ft
##	1600x1600mm	9mm	55 kg	6	48 slabs	288	737.28	17.0 t	20 ft
##	1600x1600mm	9mm	55 kg	11	48 slabs	528	1351.68	27.2 t	40 ft
* + #	1200x1200mm	9mm	62 kg	13* + 4#	26° + 21″	422	1215.36	27.0 t	20 ft
#	1200x1200mm	9mm	62 kg	17	26 slabs	422	1215.36	27.0 t	40 ft

^{** =} Bundle | * = Vertical Pallet | ## = A-Frame | # = Horizontal Crate

Note:

^{##} As per customer requirement

^{**} Glossiness 90% with nano technology

*** Without nano technology (Unpolished Vitrified tiles)

**** Except Hydrofluoric Acid & it's compound

^{1.} Horizontal Crates: Slabs will be available without box packing for horizontal crates.

^{2. 3200}x1600mm: will be available without box packing only.

^{3. 2400}x1200mm: 6mm thickness slabs available in 2 pcs box packing & 9mm thickness slabs available in 1 pcs box packing.

^{4. 1600}x1600mm: 9mm thickness slabs available in 1 pcs box packing.

^{5. 1200}x1200mm: 9mm thickness slabs available in 2 pcs box packing.

Quality accreditations













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