





# Kajaria

India's No.1 & World's 8<sup>th</sup> Largest Manufacturer of Tiles



#### We Are Kajaria Eternity

With over 20 years of legacy, Kajaria Eternity leads as India's No. 1 GVT brand, blending European design with Indian craftsmanship for contemporary yet timeless tiles. Renowned for high flexural strength, breaking strength, and zero porosity, our tiles are unmatched in durability. Featuring over 1500+ designs and 13 different sizes in various finishes, our range caters to every aesthetic and spatial need. Trusted in 31 countries, including Europe, the USA, Asia Pacific, and the Middle East, Kajaria Eternity stands for lasting beauty and unparalleled quality.





Innovation drives Kajaria Eternity, leading us to adopt revolutionary Continua+ technology, propelling us to new industry heights.

### With Continua+ Technology, Eternity Achieves:



#### Available Sizes

The Ultima Premium Collection of extra-large vitrified slabs by Kajaria Eternity surpasses your wildest dreams, infusing spaces with unparalleled grandeur. The expansive dimensions of these slabs not only evoke the magnificence of genuine marble but also captivate enthusiasts worldwide with their breathtaking aesthetics. In the realm of Ultima, the vast array of sizes, designs, and finishes elevates spaces to larger-than-life proportions, transforming them into magnificent showcases of luxury and style.

## Ultimate Advantages



Stain Resistant



Easy Installation



Scratch Resistant



Fire Resistant



High Abrasion Resistance



Thermal Resistant



High Flexural Strength



Chemical Resistant



Zero Maintenance



Easy to Clean



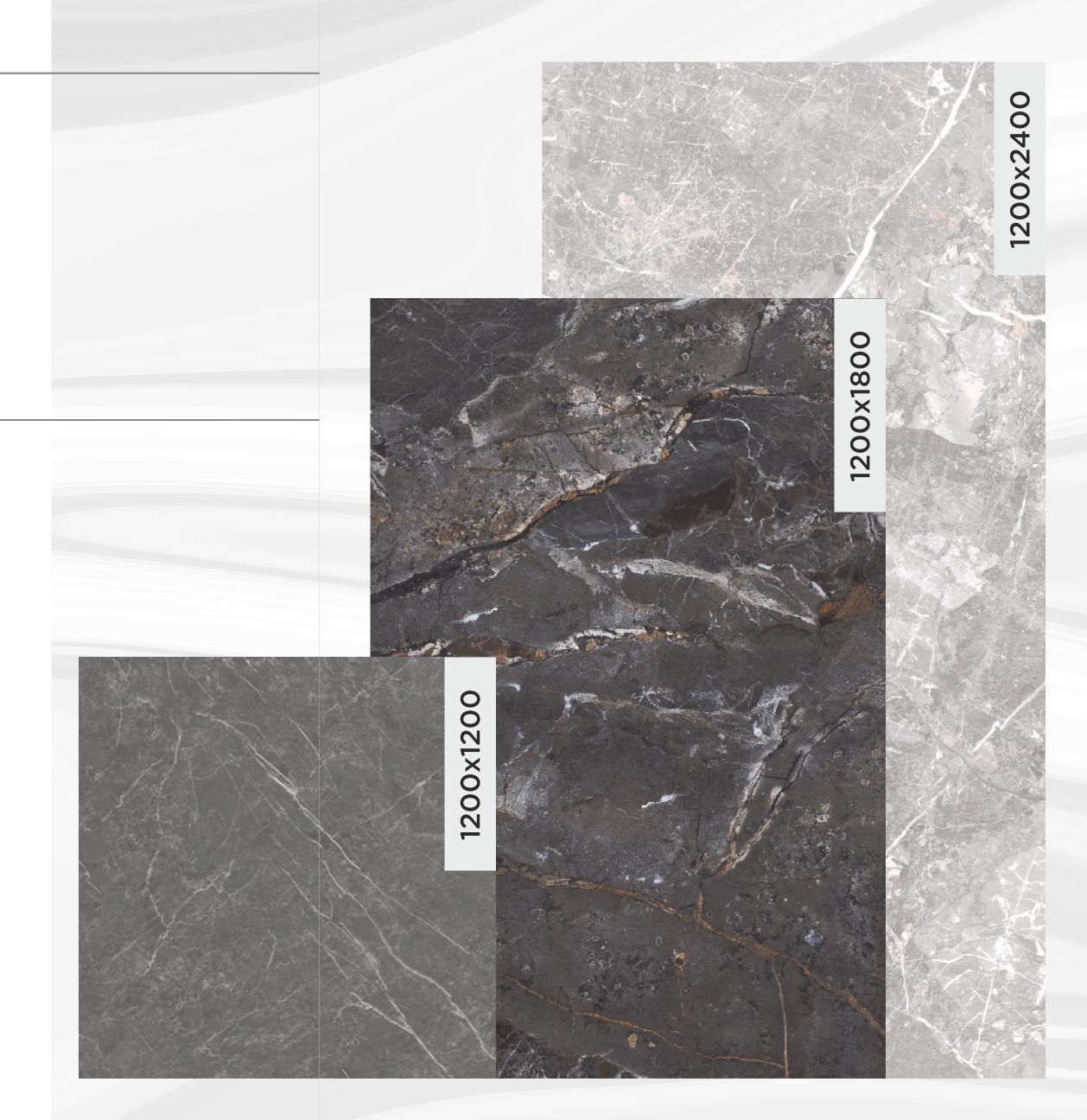
For Floor & Wall Application



Fine Detailing



Water Resistant





#### The Ultimate Finishes



#### Polish

A spectacular mirror-like effect is what you get in this superior finish. The highly polished look is achieved with a high-quality glaze that has a Reflective Index Value of more than 103% and enhancing image sharpness and giving a rich and true color experience.



#### Beyond

This finish is made for a luxurious world and is the most premium finish. Developed with Advanced digital technology, it has a smooth surface with almost zero surface reflection. It's a fine balance of design and elegance



#### **Super White**

With an L value of more than 94, these striking super white tiles promise the whitest finish available in the industry.



#### **Blend**

These tiles are inspired by nature, and are made and designed using rare minerals and metals in their veins and drafted with precision, to impart real shine, adding a realistic touch of nature to your home.



#### **Premium Polish**

These tiles comprise a collection of intense colors which give the most premium feel and vividness to the surface. The high-quality transparent glaze ensures unparalleled sharpness in graphics giving it a high-definition retina image.



#### Lavish

Lavish's fine granules improves upon the classic Matt's anti-slip qualification. It can be mixed with other effects like metallic and woods to give a wide range of design possibility.



#### Marbletech

This finish is the closest thing to natural marble. The marble look is achieved with a special glaze coated on top of the design which has a reflective index of 45 degrees. Along with that, an elaborate polishing process gives the slab a marble-like smooth feel and shine.



#### Premium Matt

These tiles are closest to natural stones to give an ambiance of nature which make them a perfect choice for indoors as well as outdoors. The matt finish complements perfectly to your vision of creating spaces that look traditional and rustic.



#### Bold

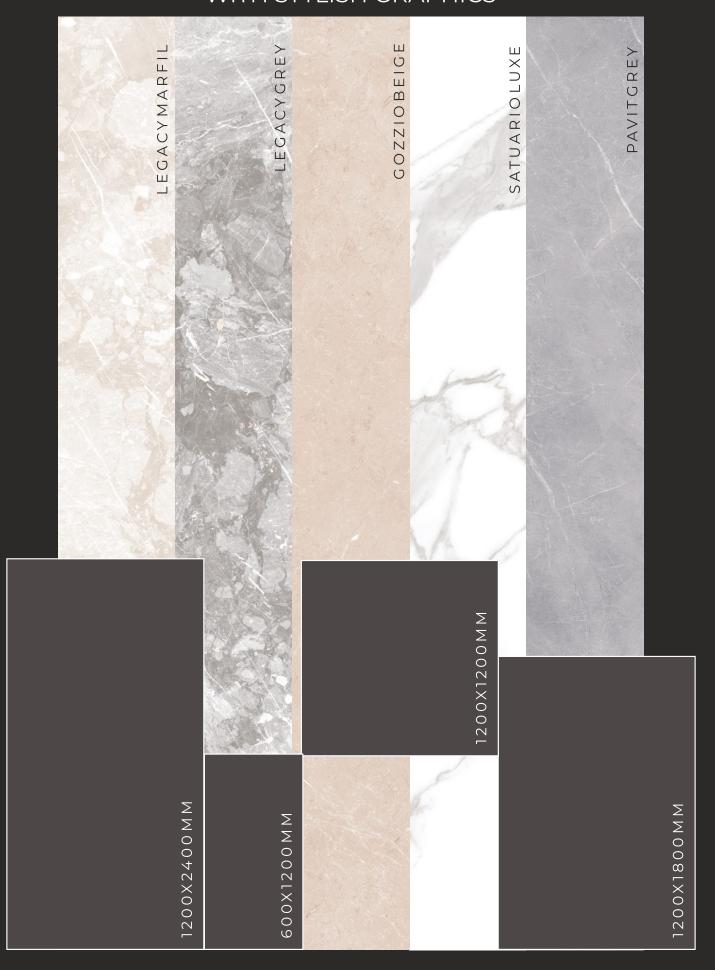
As Suggested By The Descriptor 'bold, This Finish Has A Rock Like Effect. With The Use Of Special Technique And Digital Glaze Machine, These Special Effects Are Created To Give A Real Life Stone Effect.



#### Matt

These tiles are closest to natural stones to give an ambiance of nature which make them a perfect choice for indoors as well as outdoors. The matt finish complements perfectly to your vision of creating spaces that look traditional and rustic.

# 4 UNIQUE SIZES, 4 DISTINCT FINISHES WITH STYLISH GRAPHICS



# STUNNING FINISHES



A SPECTACULAR MIRROR LIKE EFFECT IS WHAT YOU GET IN THIS SUPERIOR FINISH.
THE BRILLIANT POLISH LOOK IS ACHIEVED WITH HIGH QUALITY GLAZE, THAT HAS REFLECTIVE INDEX VALUE OF MORE THAN 100%. IT ENHANCES IMAGE SHARPNESS AND CREATES A RICH AND TRUE COLOR LOOK.

THIS FINISH IS MADE FOR A
LUXURIOUS WORLD AND IS THE MOST
PREMIUM FINISH. DEVELOPED WITH
ADVANCED DIGITAL TECHNOLOGY, IT HAS
A SMOOTH SURFACE WITH ALMOST ZERO
SURFACE REFLECTION. IT'S A FINE
BALANCE OF DESIGN AND ELEGANCE.





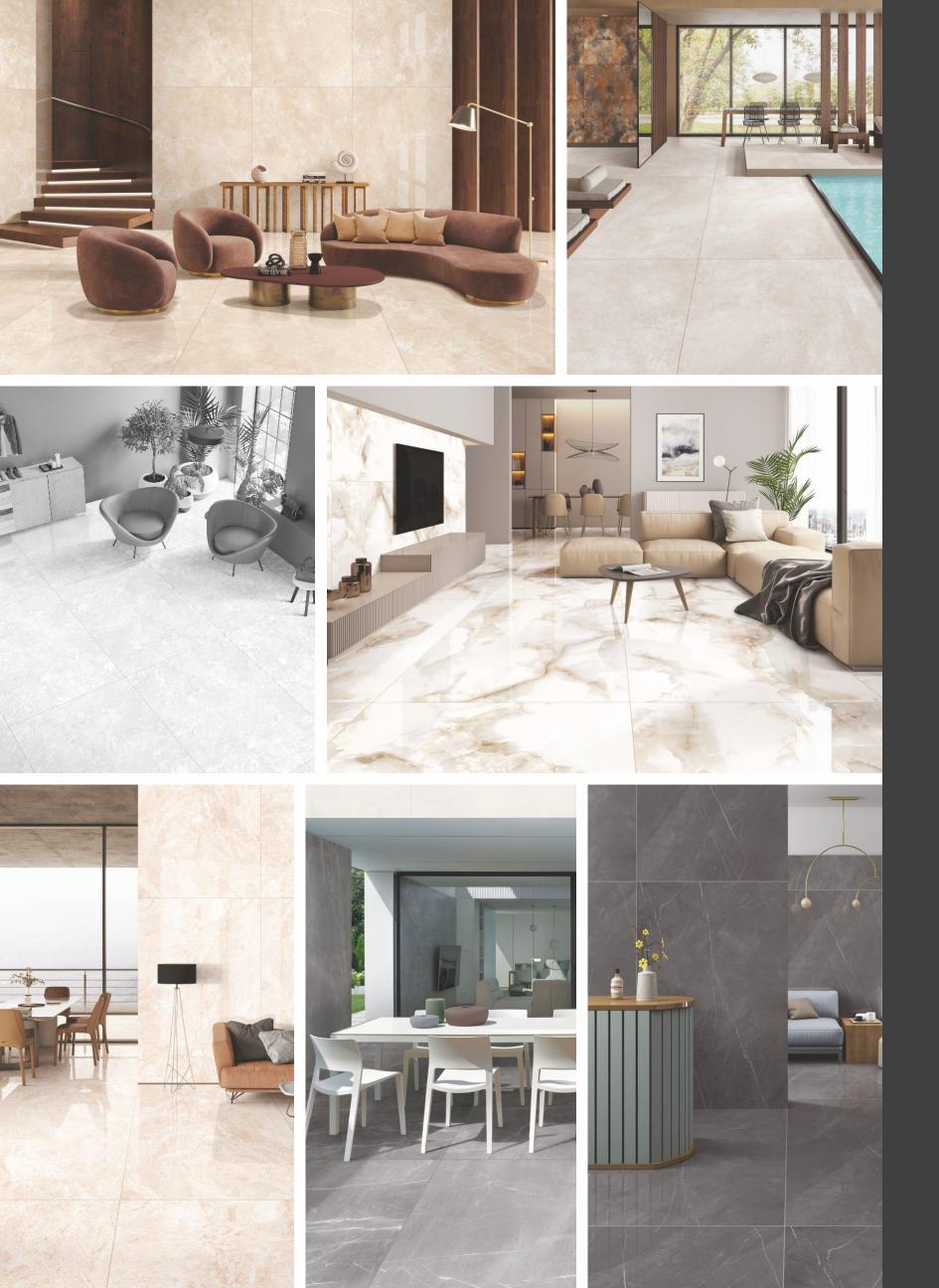
DESCRIPTOR 'BOLD', THIS
FINISH HAS A ROCK LIKE
EFFECT. WITH THE USE
OF SPECIAL TECHNIQUE
AND DIGITAL GLAZE
MACHINE, THESE SPECIAL
EFFECTS ARE CREATED TO
GIVE A REAL LIFE STONE
EFFECT.

AS SUGGESTED BY THE

THESE ARE DÉCOR TILES WHICH COME WITH AN EMBOSS FEEL. MADE USING HIGH QUALITY SPECIAL GLAZE AND A DIGITAL MACHINE, THEY HAVE A UNIQUE TEXTURE WHICH GIVES LINE/ ARROW PUNCH EFFECT.

#### FINISHESAVAILABLE

SIZE	POLISH	BEYOND	BOLD	BLISS
1200X2400 M M 1200X1800 M M 600X1200 M M 1200X1200 M M	\ \ \ \	\/ \/ \/	\ \ \	✓ ✓



# INDEX

18-171

1200x1800 mm









 $\frac{172 - 193}{^{1200 \times 1200 \text{ mm}}}$ 

# A Mirage Of Majestic Magnificence

Embrace cosmopolitan chic with our versatile tiles, offering a myriad of textures and finishes for every corner of your home. Infused with natural beauty, The Ultima 1200x1800 mm tiles add a double take-worthy allure. With a range of hues, they inspire limitless decorative possibilities indoors and out.



The Ultima 1200x1800 mm



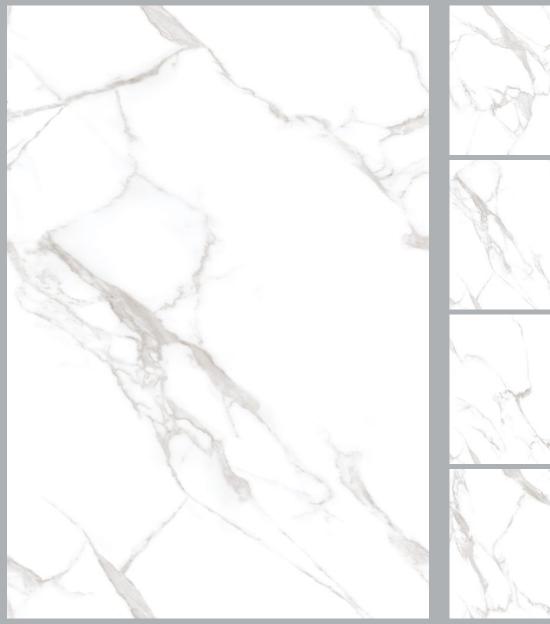


Scan to Interact





FACES X 4





SUPER WHITE (POLISH) BOLD | BEYOND



<sup>\*</sup>This tile is also available in 1200x2400 mm in Super White(Polish) | Bold | Beyond | Bliss finish \*This tile is also available in 1200x1200 mm in Super White(Polish) | Beyond finish





Scan to Interact







**PAVIT GREY** 

POLISH | BOLD | BEYOND

FACES X 3



<sup>\*</sup>This tile is also available in 1200x2400 mm in Polish | Bold | Beyond | Bliss finish \*This tile is also available in 1200x1200 mm in Polish | Beyond finish





Scan to Interact







**LEGACY GREY** 

POLISH | BOLD | BEYOND



<sup>\*</sup>This tile is also available in 1200x2400 mm in Polish | Bold | Beyond | Bliss finish \*This tile is also available in 1200x1200 mm in Polish | Beyond finish

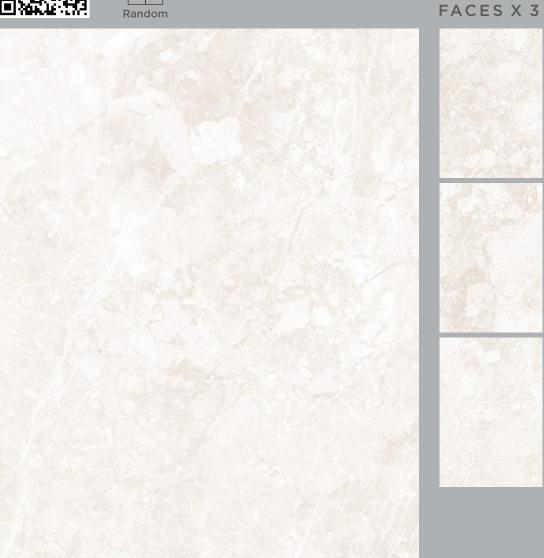




Scan to Interact







LEGACY MARFIL

POLISH | BOLD | BEYOND



<sup>\*</sup>This tile is also available in 1200x2400 mm in Polish | Bold | Beyond | Bliss finish \*This tile is also available in 1200x1200 mm in Polish | Beyond finish





Scan to Interact







**GOZZIO BEIGE** 

POLISH | BOLD | BEYOND



<sup>\*</sup>This tile is also available in 1200x2400 mm in Polish | Bold | Beyond | Bliss finish \*This tile is also available in 1200x1200 mm in Polish | Beyond finish

GOZZIO BEIGE 1200x2400 MM | POLISH

1200x1800 mm







ARBESCATO | SUPER WHITE

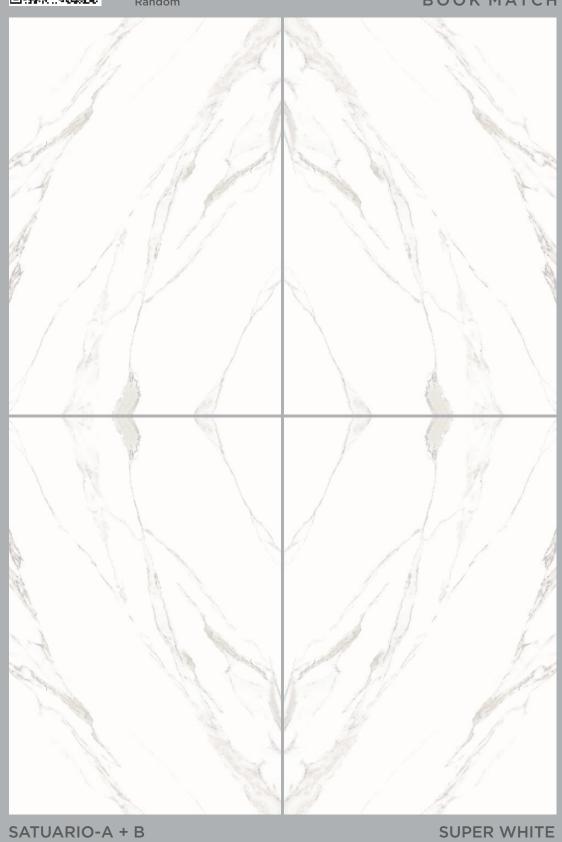
1200x1800 mm







воок матсн



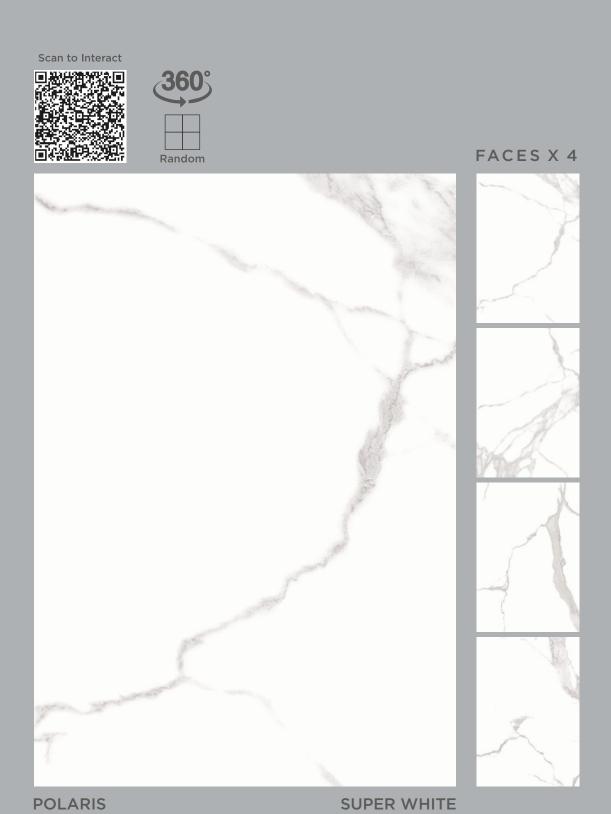




SATUARIO-A + B | SUPER WHITE

1200x1800 mm







POLARIS | SUPER WHITE

#### 1200x1800 mm











SUPER WHITE



CALACATTA DOVE | SUPER WHITE

1200x1800 mm



Scan to Interact





BOTTICINO CLASSICO

MARBLETECH



BOTTICINO CLASSICO | MARBLETECH

#### 1200x1800 mm



Scan to Interact





FACES X 3



CLASSIC GREY

MARBLETECH



CLASSIC GREY | MARBLETECH

#### 1200x1800 mm



Scan to Interact









MARBLETECH



ELEGANT BEIGE | MARBLETECH

41











EMALI BEIGE MARBLETECH



EMALI BEIGE | MARBLETECH

43

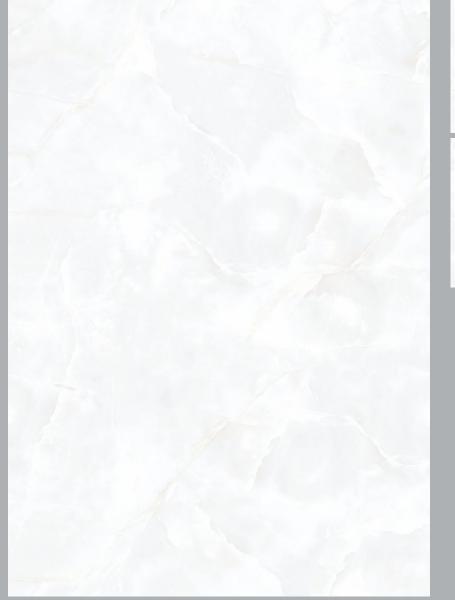
1200x1800 mm



Scan to Interact







ONYX BLANCO

MARBLETECH



ONYX BLANCO | MARBLETECH

#### 1200x1800 mm









PULPIS MARFIL

MARBLETECH



PULPIS MARFIL | MARBLETECH

47



Scan to Interact









PREMIUM POLISH

FACES X 3



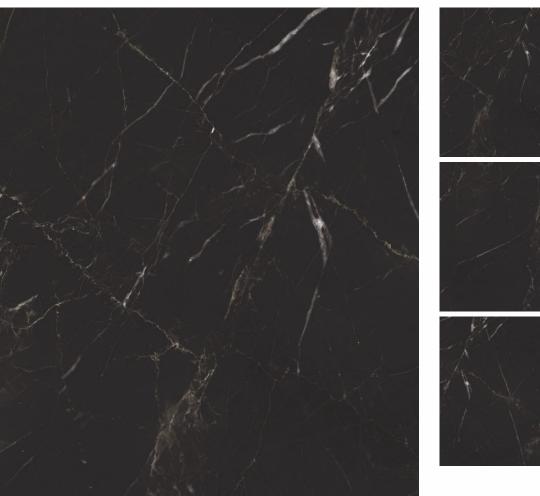
AVENUE AZUL | PREMIUM POLISH











FACES X 3

BELGIUM BLACK

PREMIUM POLISH



BELGIUM BLACK | PREMIUM POLISH





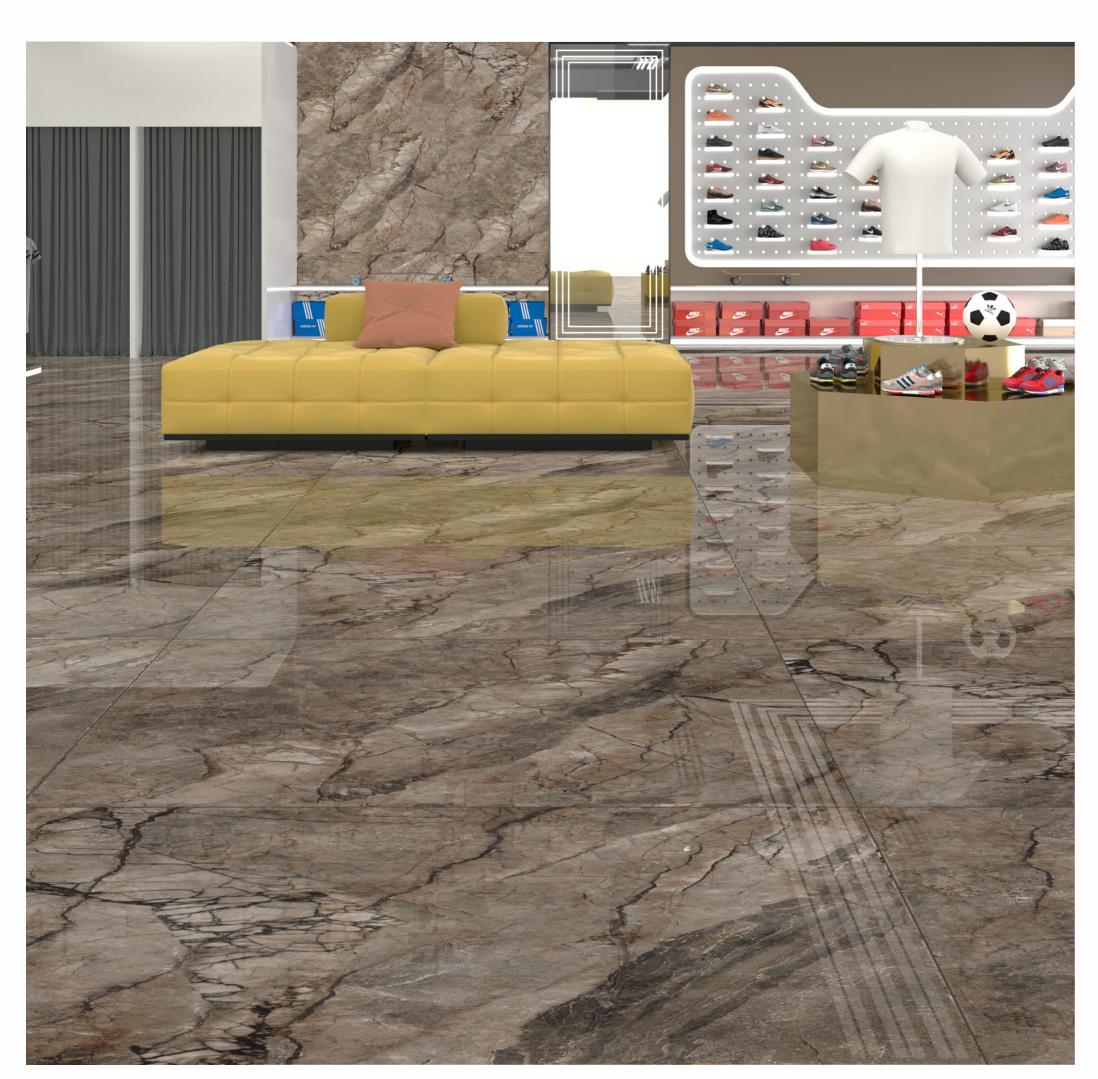








PREMIUM POLISH



KANOVA NATURAL | PREMIUM POLISH

53

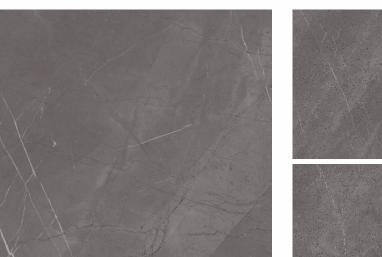
#### 1200x1800 mm



Scan to Interact







FACES X2



MAJESTIC GRIS

PREMIUM POLISH



MAJESTIC GRIS | PREMIUM POLISH

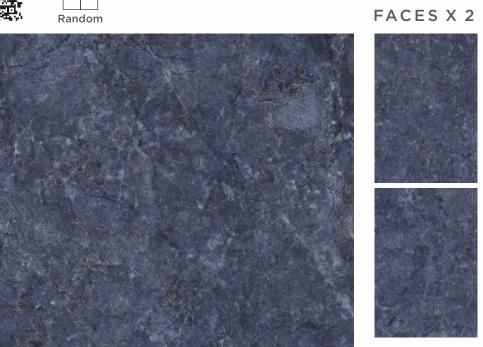
55

1200x1800 mm



Scan to Interact





PERSIAN BLUE

PREMIUM POLISH



PERSIAN BLUE | PREMIUM POLISH

57

#### 1200x1800 mm



Scan to Interact





PIETRA MOCHA

PREMIUM POLISH



PIETRA MOCHA | PREMIUM POLISH

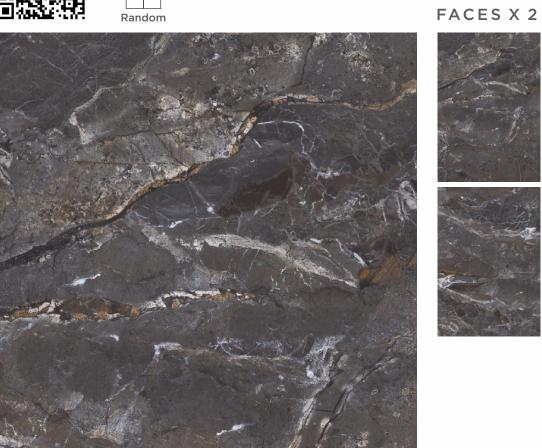
#### 1200x1800 mm



Scan to Interact







QUANTIKO GRIS

PREMIUM POLISH



QUANTIKO GRIS | PREMIUM POLISH

#### 1200x1800 mm



Scan to Interact







RIVERIA GRIS

PREMIUM POLISH



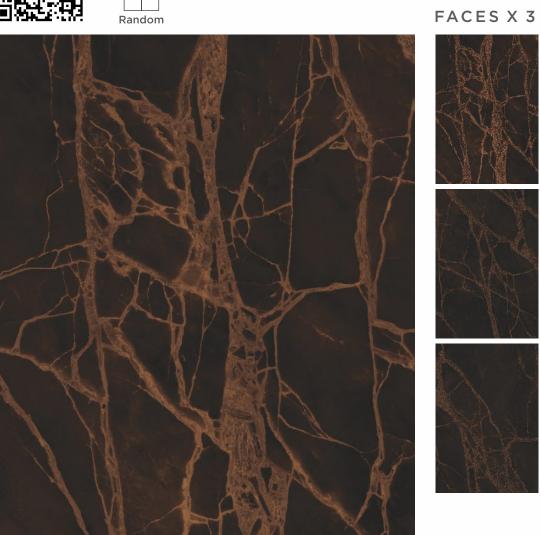
RIVERIA GRIS | PREMIUM POLISH



Scan to Interact







SAHARA GOLD

PREMIUM POLISH



SAHARA GOLD | PREMIUM POLISH

1200x1800 mm













ARMANI GREY | POLISH

#### 1200x1800 mm



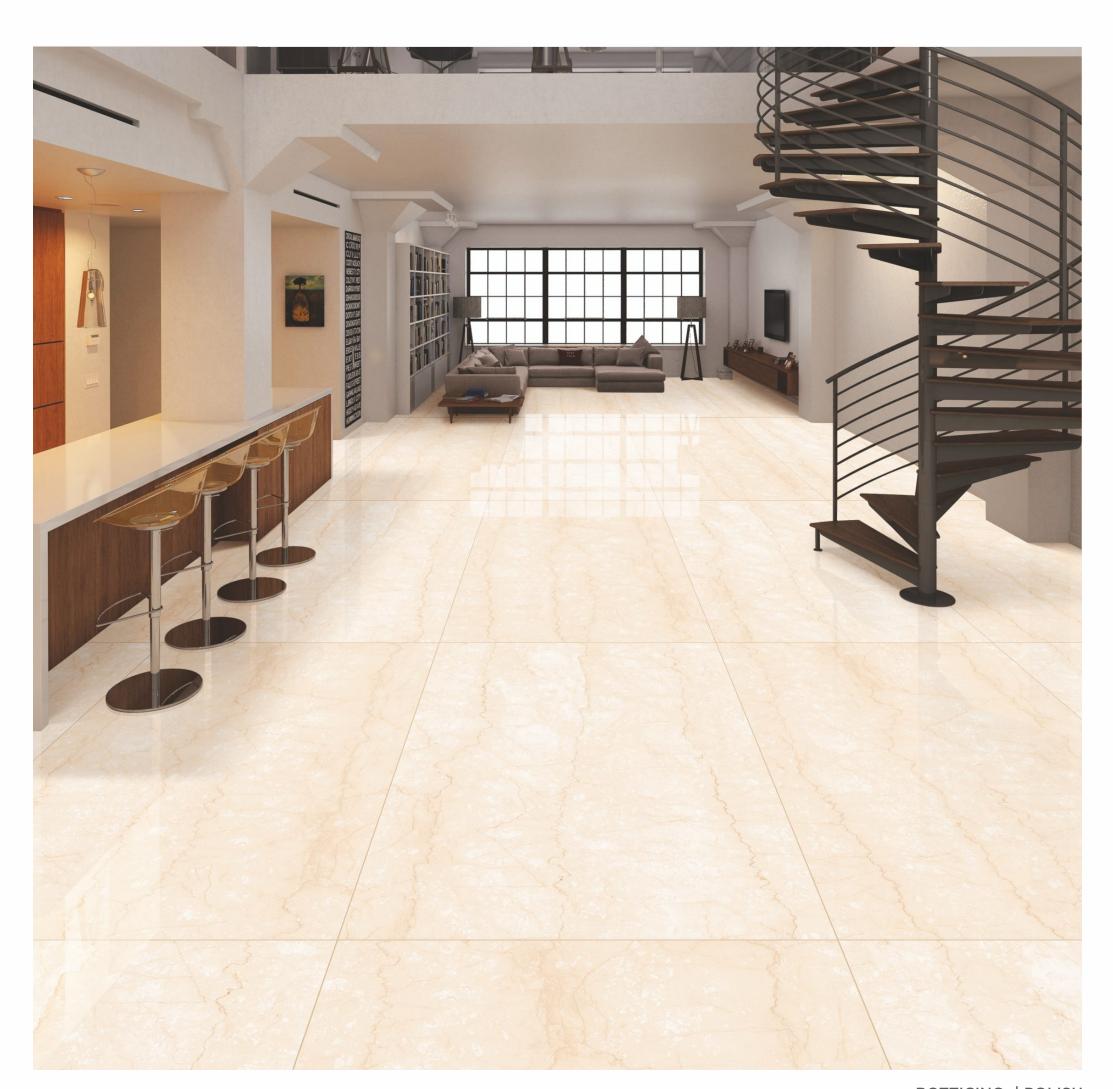








BOTTICINO POLISH



BOTTICINO | POLISH

BRECCIA AURORA





POLISH



BRECCIA AURORA | POLISH

71

# THE ULTIMA 1200x1800 mm









CLASSIC BEIGE POLISH



CLASSIC BEIGE | POLISH

73

#### 1200x1800 mm

















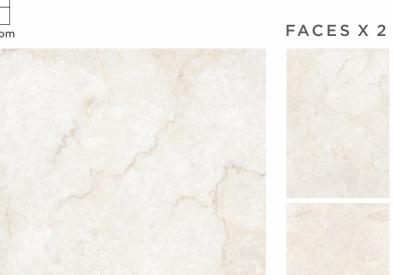
CLASSIC GREY | POLISH

#### 1200x1800 mm











CREMA MARBLE POLISH



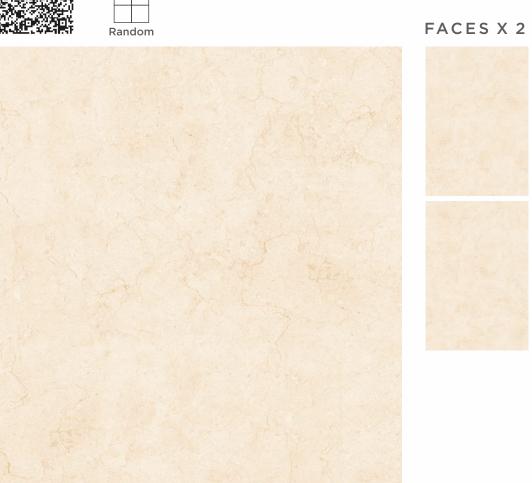
CREMA MARBLE | POLISH

#### 1200x1800 mm













ELEGANT BEIGE | POLISH

79

# THE ULTIMA 1200x1800 mm













FOSSIL BEIGE | POLISH

#### 1200x1800 mm



Scan to Interact







HELUX GREY POLISH



HELUX GREY | POLISH

# THE ULTIMA 1200x1800 mm





JERICO MARFIL





POLISH



JERICO MARFIL | POLISH

#### 1200x1800 mm

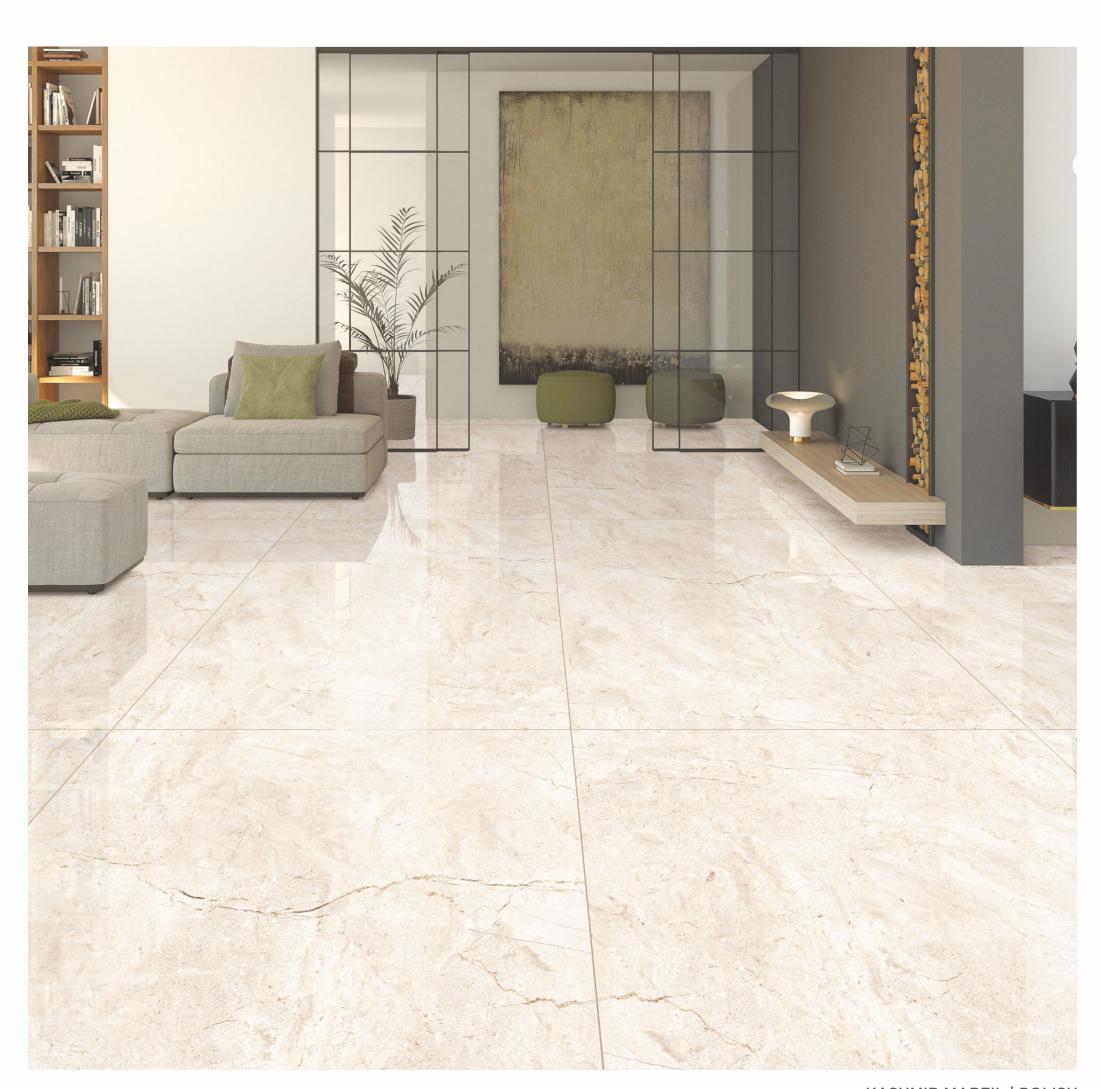












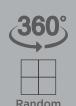
KASHMIR MARFIL | POLISH

87

1200x1800 mm









POLISH

ONYX BLANCO



ONYX BLANCO | POLISH

1200x1800 mm













ONYX PEARL POLISH



ONYX PEARL | POLISH

1200x1800 mm











POLISH

FACES X 3





REGALIA MARFIL | POLISH

#### 1200x1800 mm











ROYAL DYNA POLISH



ROYAL DYNA | POLISH

#### 1200x1800 mm









TRIANA BEIGE POLISH



TRIANA BEIGE | POLISH

#### 1200x1800 mm

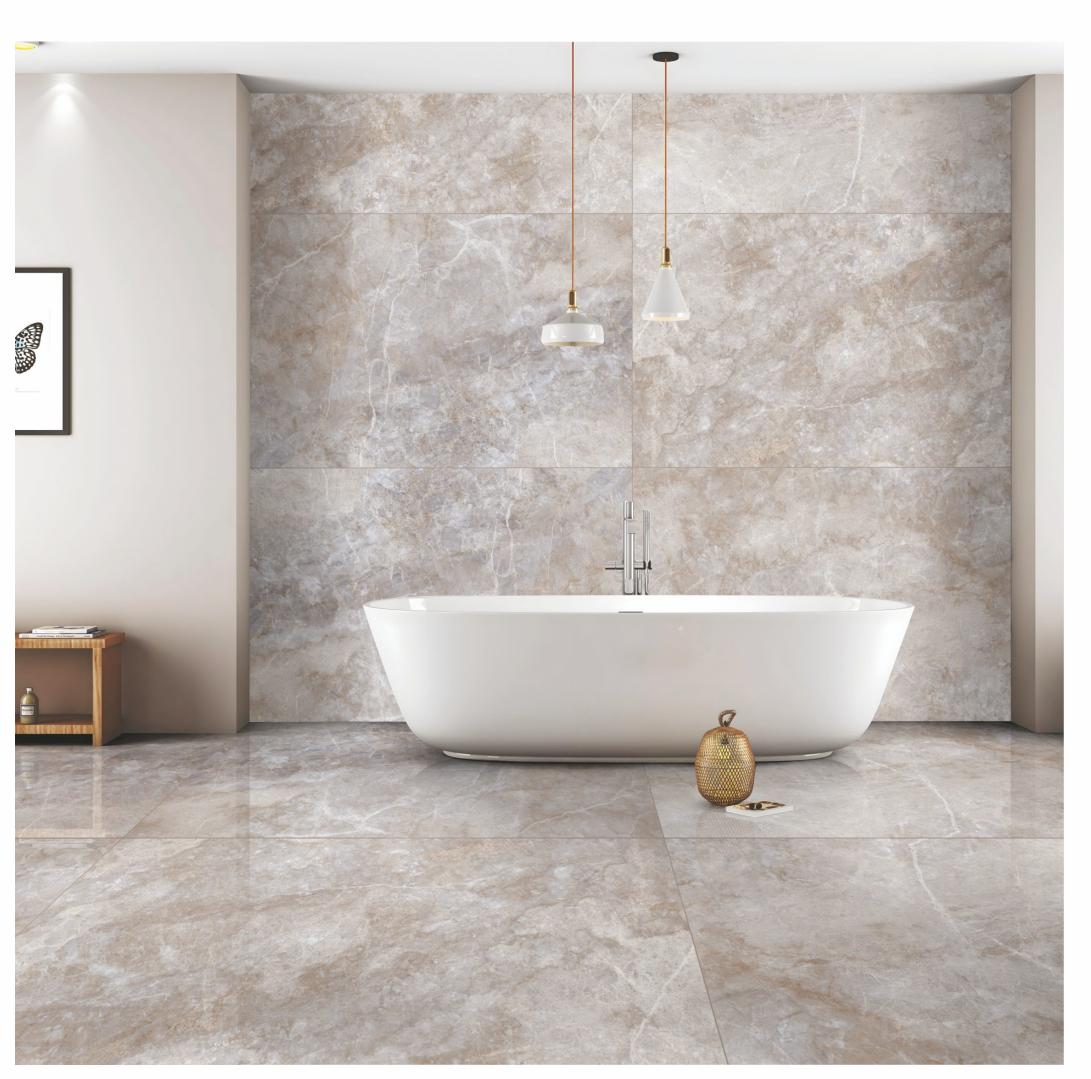








TRIANA ROSSO POLISH



TRIANA ROSSO | POLISH

#### 1200x1800 mm











ZION BEIGE POLISH



ZION BEIGE | POLISH

1200x1800 mm



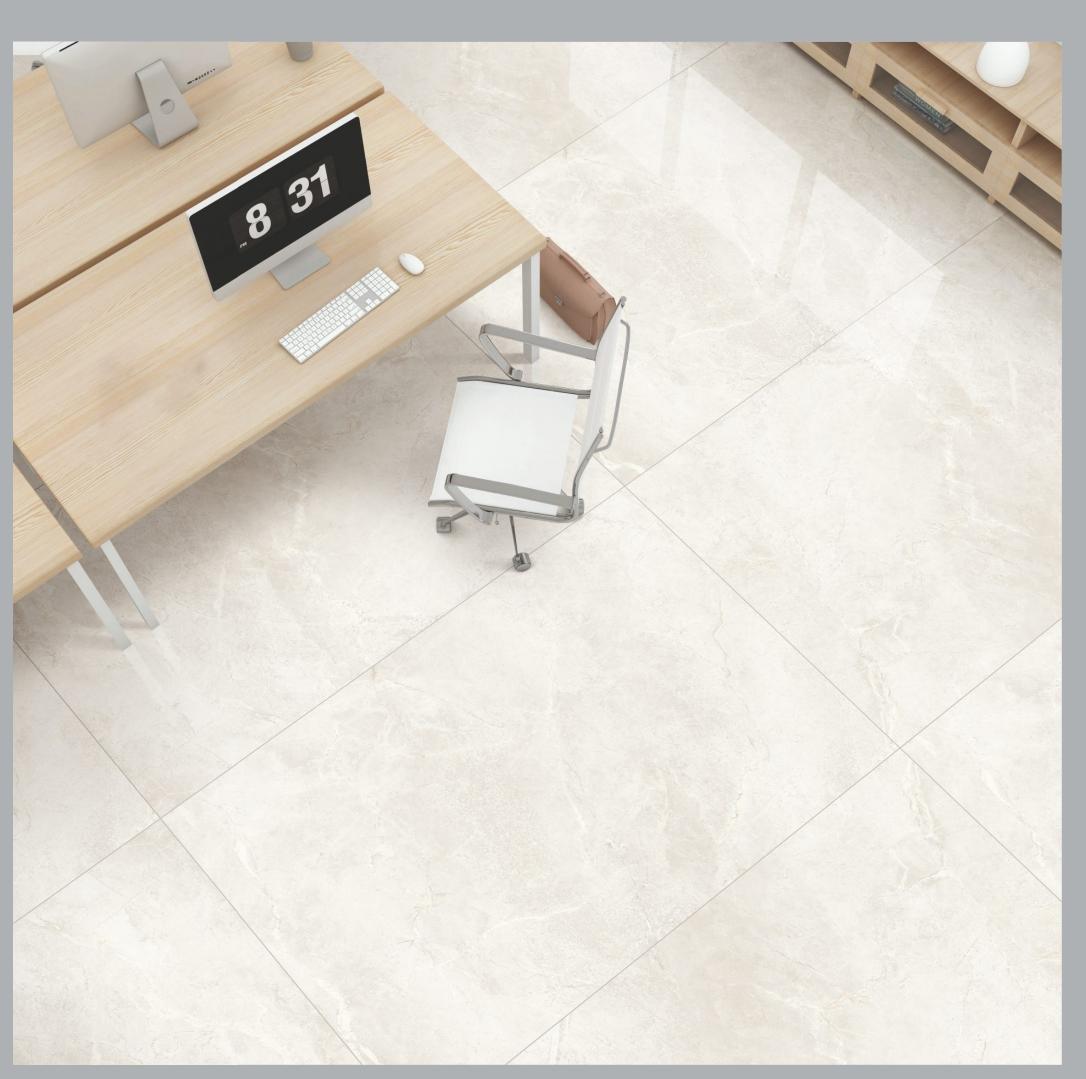






POLISH





ZION MARFIL | POLISH

ZION MARFIL

#### 1200x1800 mm











CAMINATE WENGE

LAVISH



CAMINATE WENGE | LAVISH

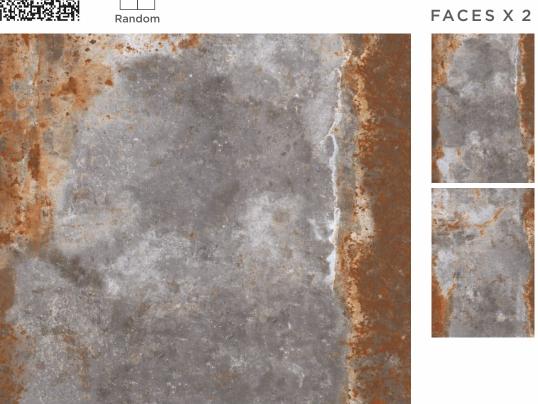
105

#### 1200x1800 mm

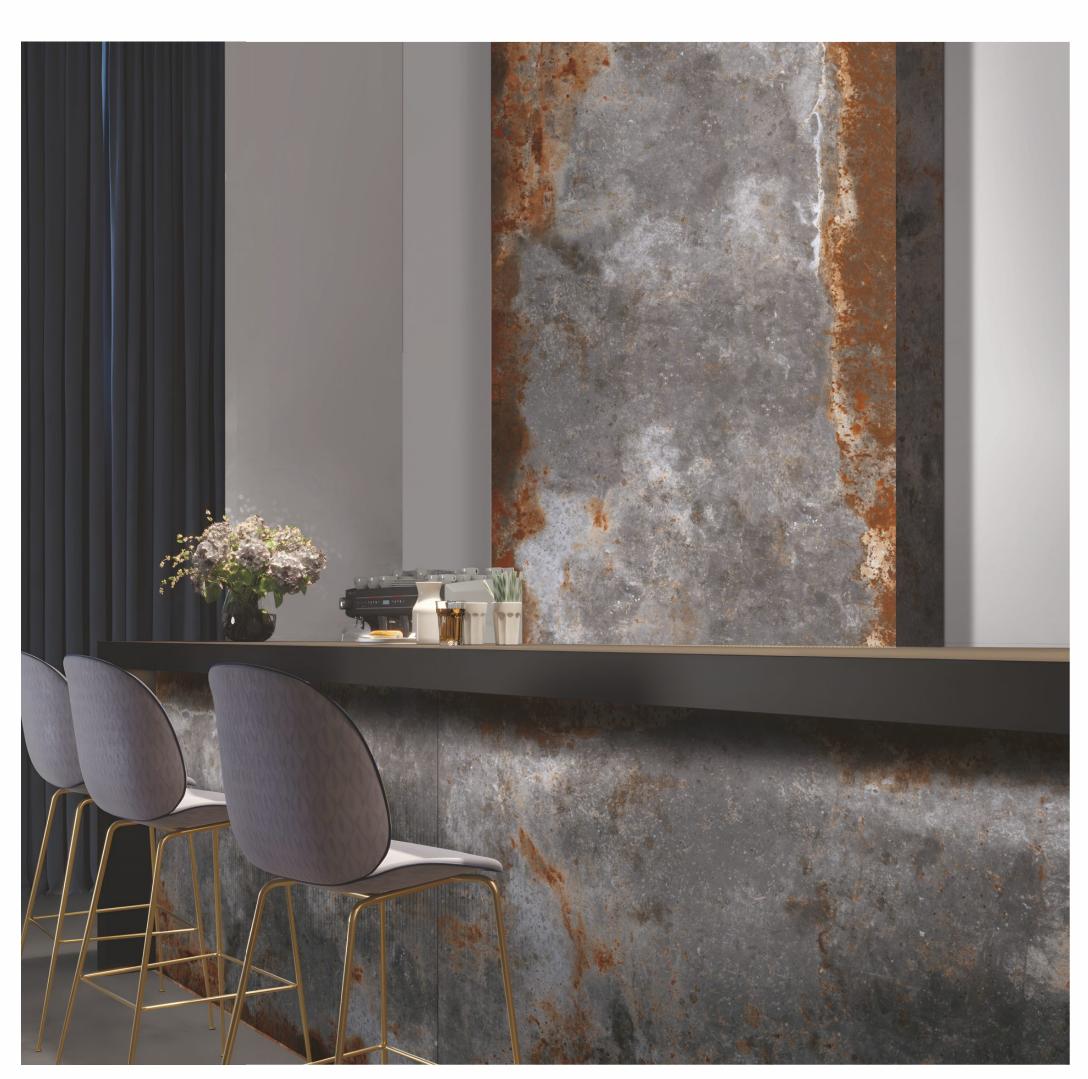












METOX | LAVISH

#### 1200x1800 mm



Scan to Interact







QUANTUM BRONZE

LAVISH



QUANTUM BRONZE | LAVISH

#### 1200x1800 mm











CREMA MARBLE BEYOND



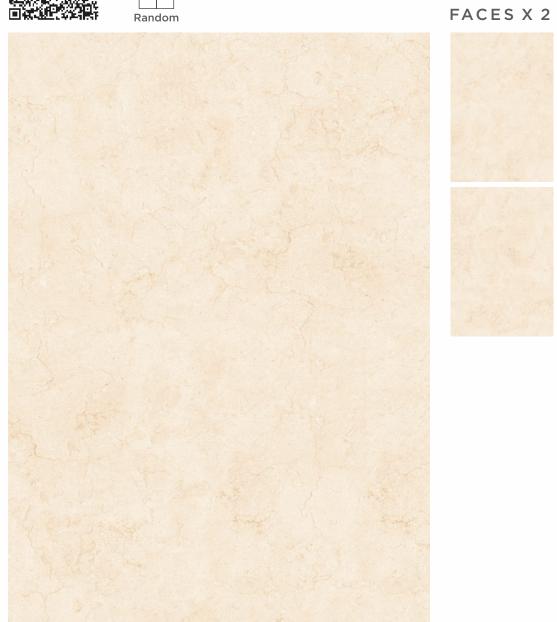
CREMA MARBLE | BEYOND

#### 1200x1800 mm









ELEGANT BEIGE BEYOND



ELEGANT BEIGE | BEYOND

113

#### 1200x1800 mm



Scan to Interact















GLANCE BEIGE | BLEND

#### 1200x1800 mm

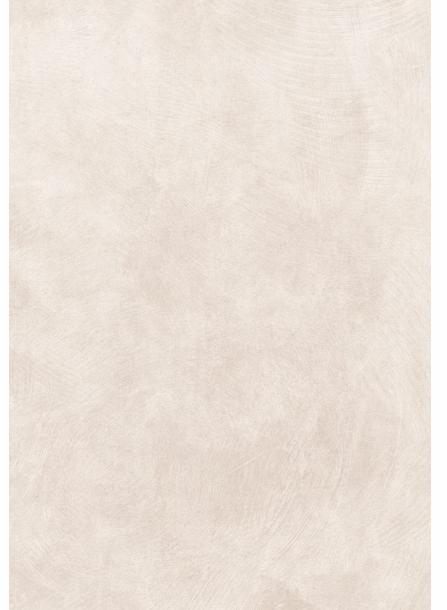








BLEND







GLANCE IVORY | BLEND

#### 1200x1800 mm















PLATINA | BLEND

#### 1200x1800 mm











TRAVENSTONE BLEND



TRAVENSTONE | BLEND

121

#### 1200x1800 mm











VIENNA TAUPE



VIENNA TAUPE | BLEND

#### 1200x1800 mm



Scan to Interact







PREMIUM MATT



OSLO GRIS MATT | PREMIUM MATT

1200x1800 mm















OSLO MARFIL | MATT

#### 1200x1800 mm



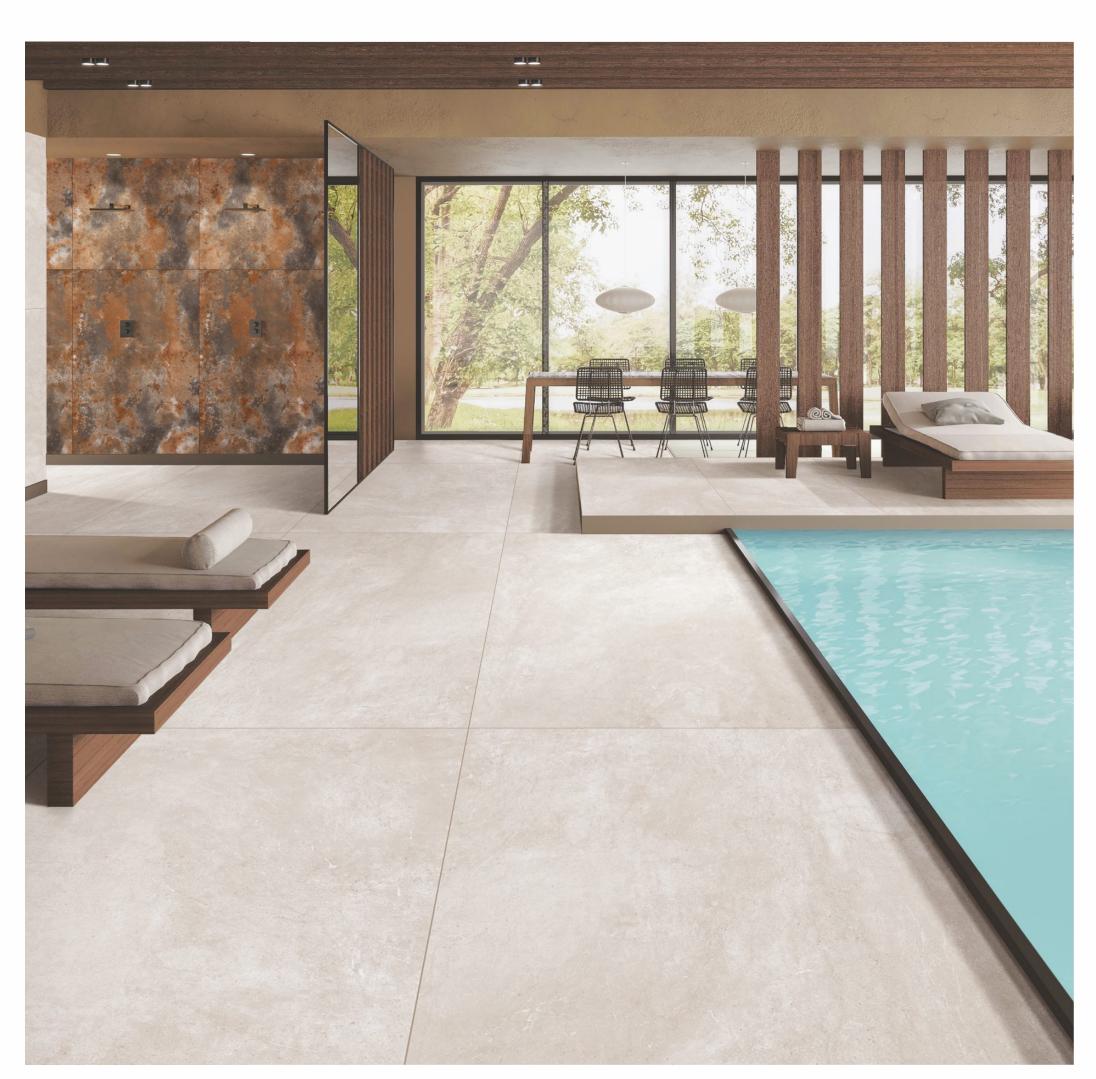






PORTLAND GREY

MATT



PORTLAND GREY | MATT

129

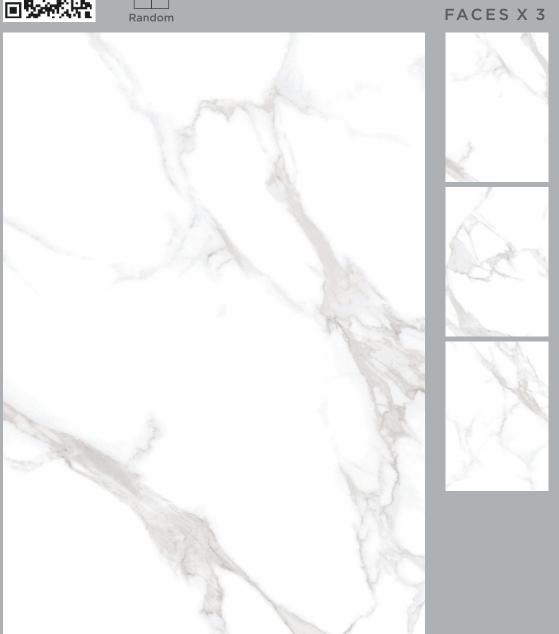
1200x1800 mm



Scan to Interact







AESTHETIC BIANCO

SWIFT POLISH



AESTHETIC BIANCO | SWIFT POLISH

131

#### 1200x1800 mm



Scan to Interact







ALERO CREMA

SWIFT POLISH



ALERO CREMA | SWIFT POLISH

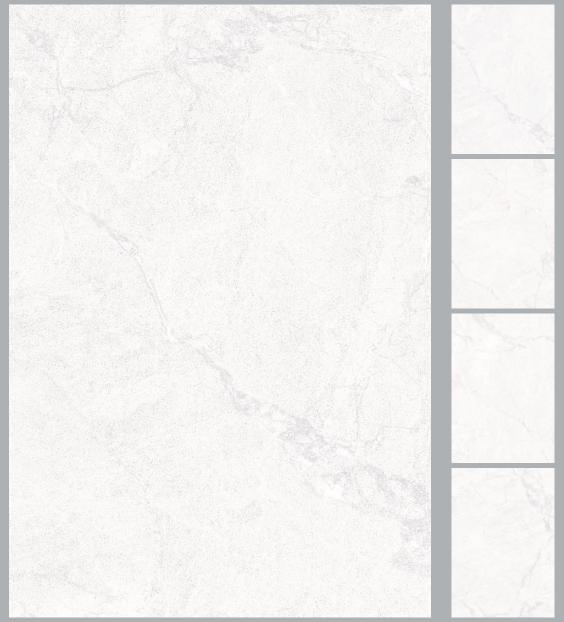
1200x1800 mm







FACES X 4





SWIFT POLISH



ARISTA GREY | SWIFT POLISH

#### 1200x1800 mm



Scan to Interact







BOTTOCHINO STAR

SWIFT POLISH



BOTTOCHINO STAR | SWIFT POLISH

1200x1800 mm



Scan to Interact





CORDELA BEIGE

SWIFT POLISH



CORDELA BEIGE | SWIFT POLISH

#### 1200x1800 mm



Scan to Interact







DYNAMIC BEIGE

SWIFT POLISH



DYNAMIC BEIGE | SWIFT POLISH

#### 1200x1800 mm









ELENA CREMA

SWIFT POLISH



ELENA CREMA | SWIFT POLISH

## 1200x1800 mm



Scan to Interact







ESSEX CREMA

SWIFT POLISH



ESSEX CREMA | SWIFT POLISH

## 1200x1800 mm



Scan to Interact







FIESTA GRIS SWIFT POLISH



FIESTA GRIS | SWIFT POLISH

## 1200x1800 mm



Scan to Interact







FACES X 3





SWIFT POLISH



HARMONY ONYX | SWIFT POLISH

## 1200x1800 mm



Scan to Interact







LAPIS TAUPE

SWIFT POLISH



LAPIS TAUPE | SWIFT POLISH

151

## THE ULTIMA 1200x1800 mm









OLIKHA BEIGE **SWIFT POLISH** 



OLIKHA BEIGE | SWIFT POLISH

## 1200x1800 mm

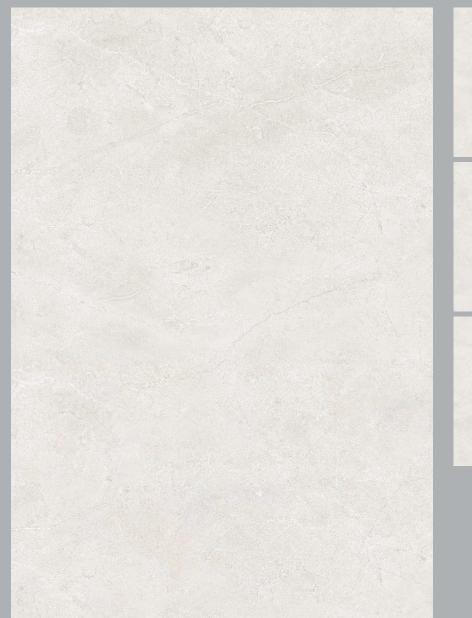


Scan to Interact





FACES X 3





SWIFT POLISH



PICCOLO TAUPE | SWIFT POLISH

## 1200x1800 mm



Scan to Interact





FACES X 3





PIETRA TAUPE

SWIFT POLISH



PIETRA TAUPE | SWIFT POLISH

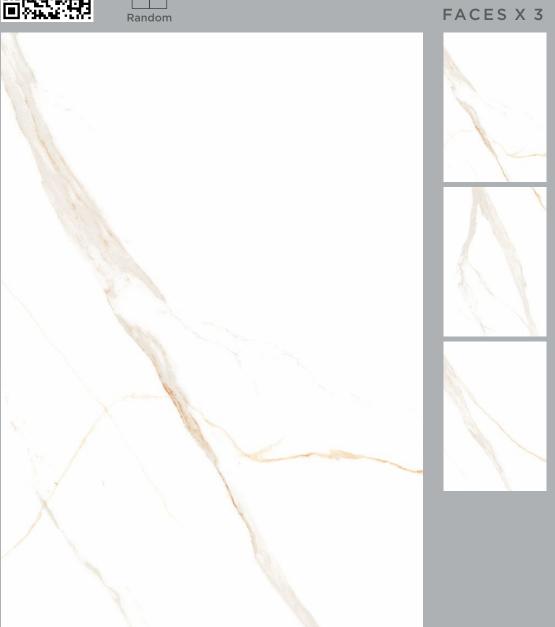
## THE ULTIMA 1200x1800 mm





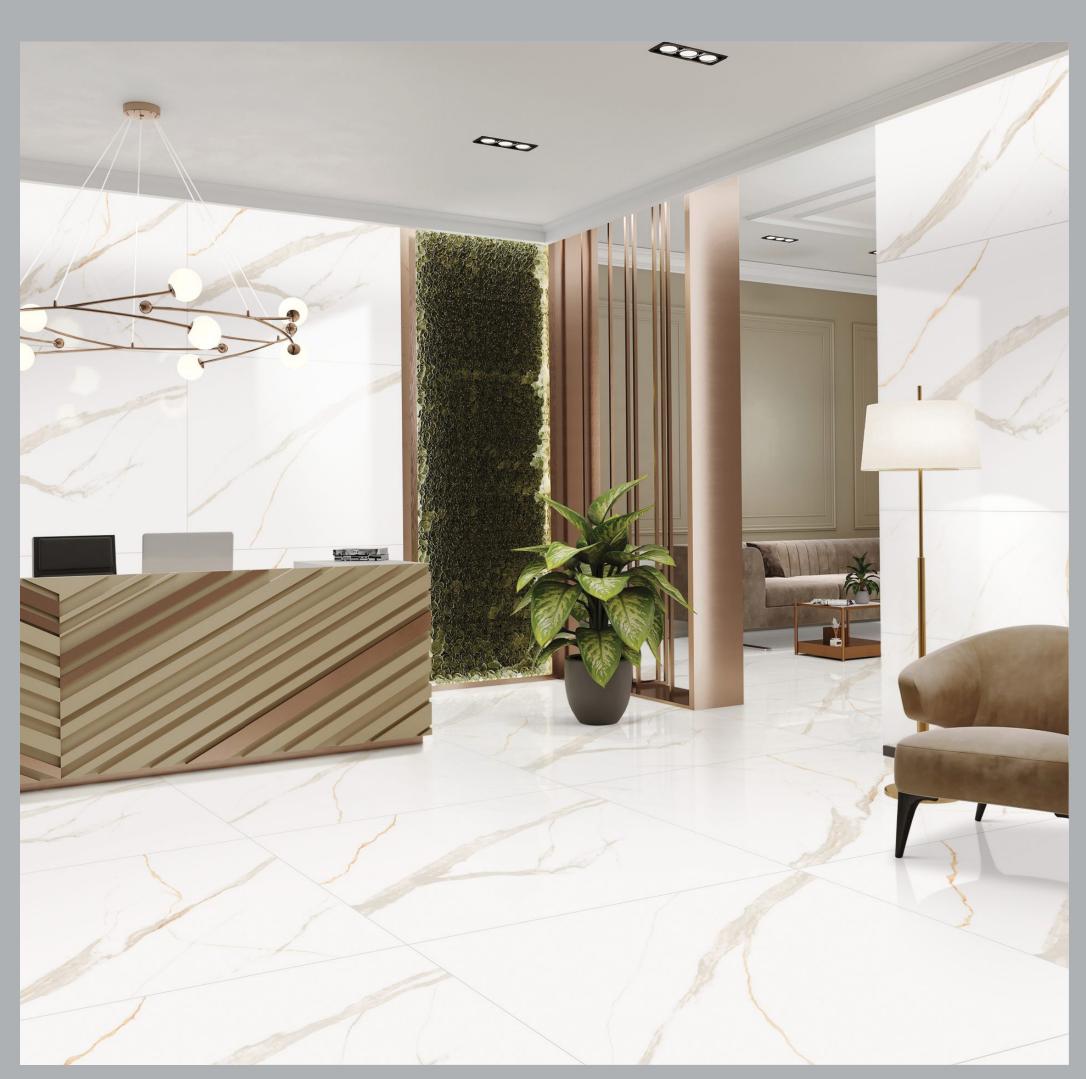






SATUARIO ALMOND

SWIFT POLISH



SATUARIO ALMOND | SWIFT POLISH

1200x1800 mm



Scan to Interact





FACES X 3





SWIFT POLISH



VASPO CREMA | SWIFT POLISH

## 1200x1800 mm



Scan to Interact









VICTORY GREY

SWIFT POLISH

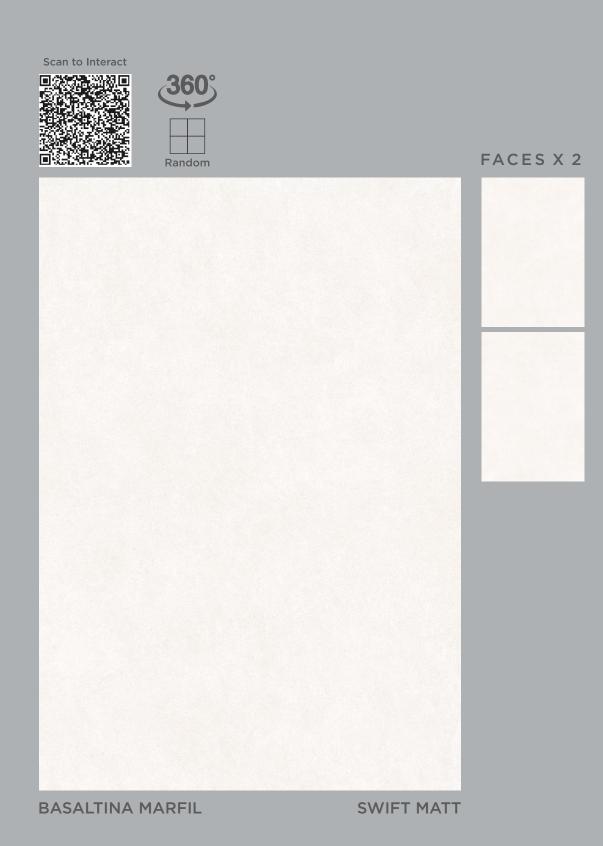


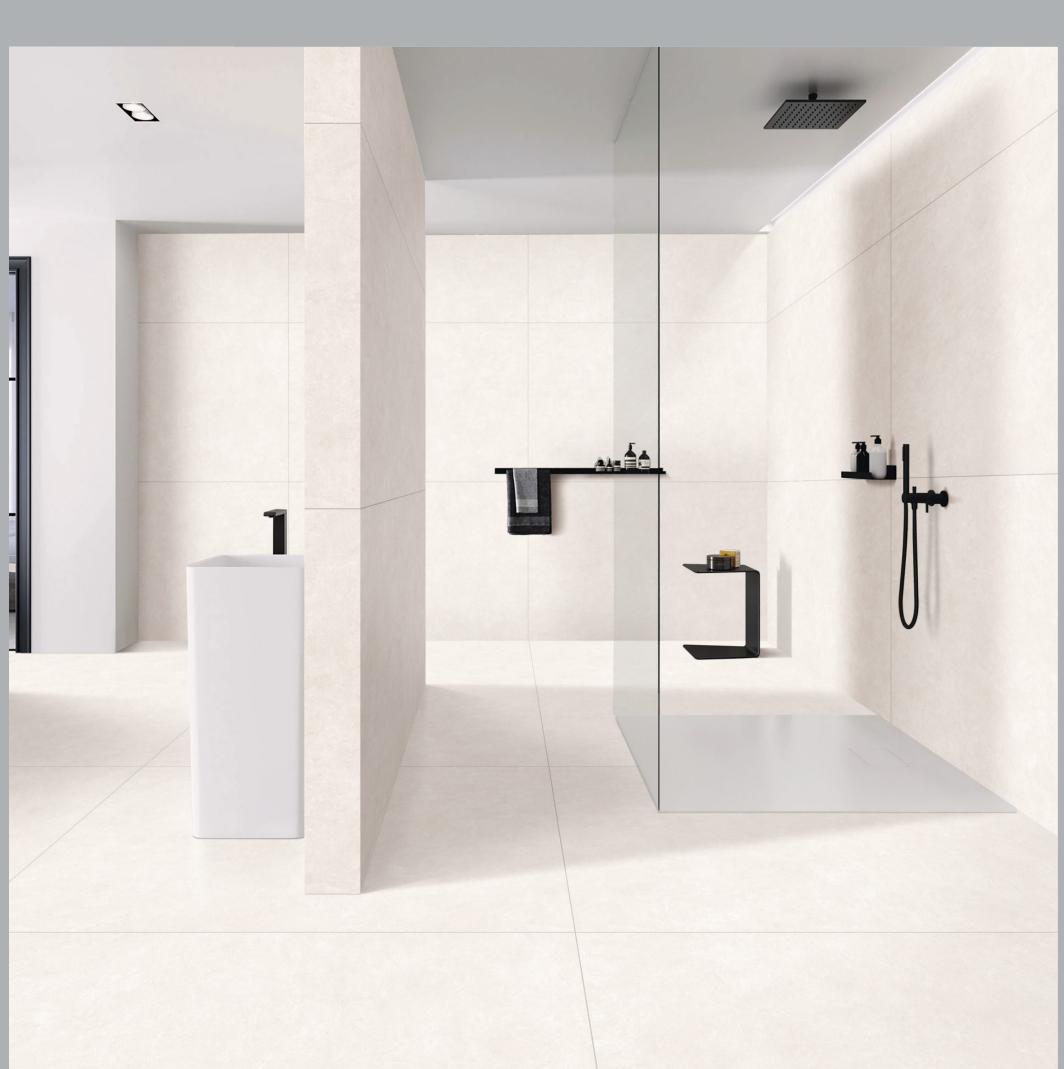
VICTORY GREY | SWIFT POLISH

163

1200x1800 mm







BASALTINA MARFIL | SWIFT MATT

## 1200x1800 mm



Scan to Interact







ORION GREY

SWIFT MATT

FACES X 3



ORION GREY | SWIFT MATT

## 1200x1800 mm



Scan to Interact







**UMBRIA BEIGE** 

**SWIFT MATT** 



UMBRIA BEIGE | SWIFT MATT

## 1200x1800 mm



Scan to Interact

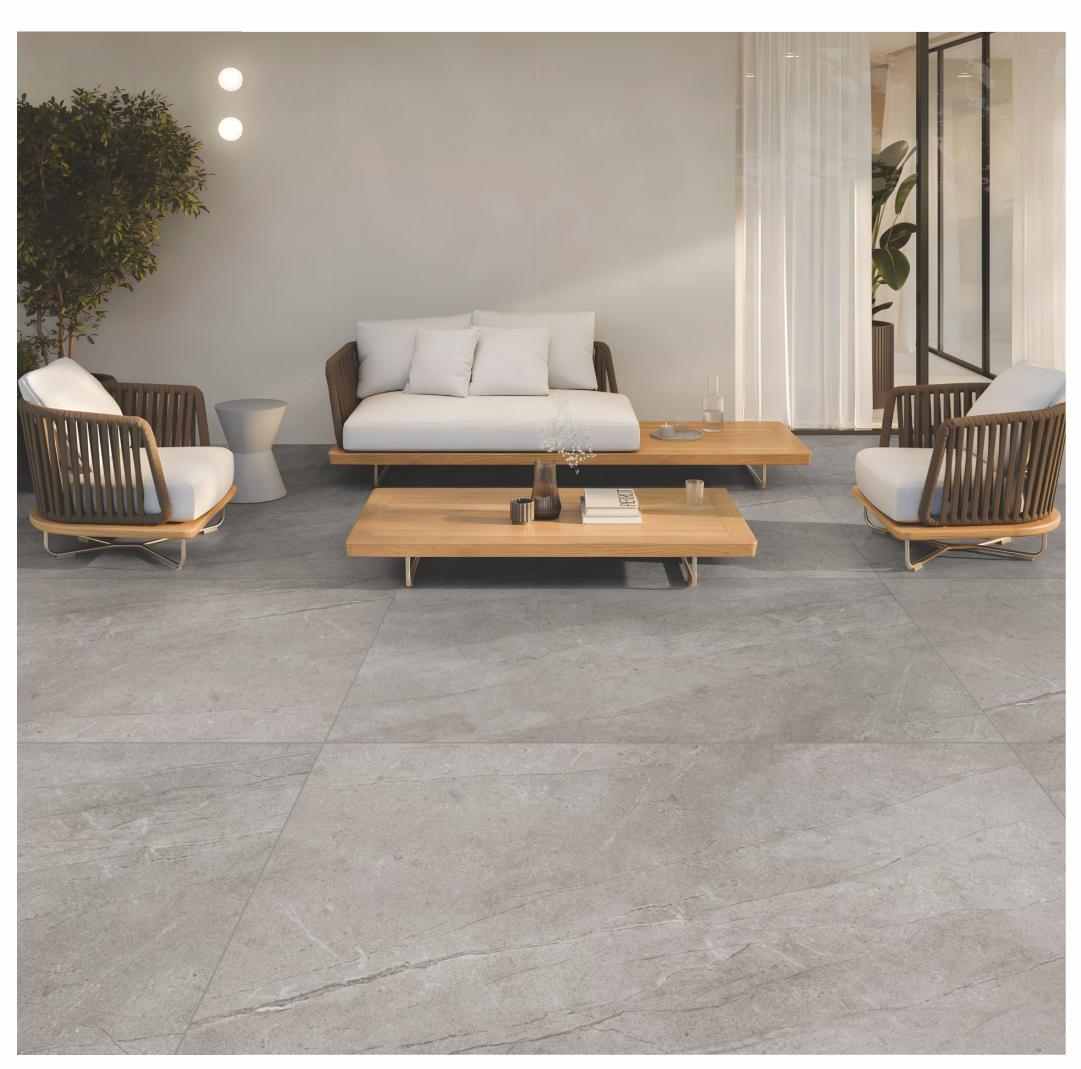






**UMBRIA GREY** 

SWIFT MATT



UMBRIA GREY | SWIFT MATT

## Innovation Embracing Elegance

The Ultima

1200x1200 mm

Introducing a contemporary marvel, The Ultima 1200x1200 mm tiles, a modern masterpiece destined to elevate your spaces. Offering a lavish selection of designs and finishes, they effortlessly blur the lines between indoor comfort and outdoor allure. With captivating options like Polished, Marbletech, Matt, and Carving, these tiles infuse your living space with a touch of natural splendor, redefining modern elegance.











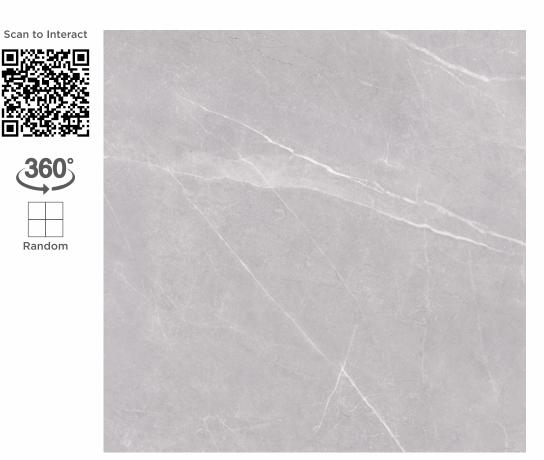
**BEYOND** 

SATUARIO LUXE 1200X1200 MM | SUPER WHITE (POLISH)



PAVIT GREY 1200x1800MM | POLISH & BEYOND

FACES X 3



POLISH | BEYOND

**PAVIT GREY** 

Random











LEGACY GREY

POLISH | BEYOND

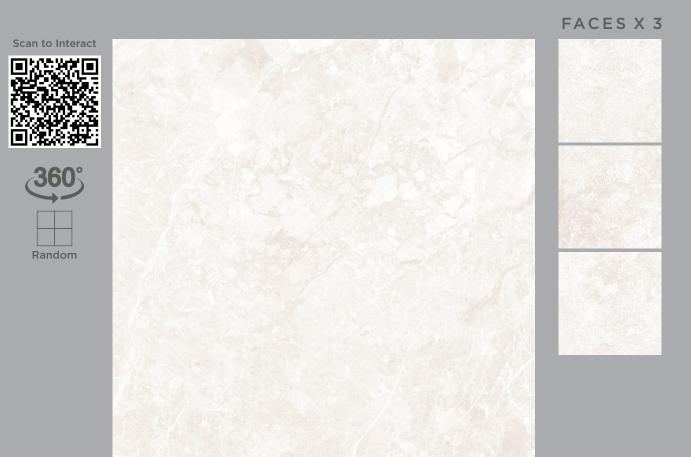
FACES X 3



LEGACY GREY 1200x1200 MM | POLISH



LEGACY MARFIL 1200x1200 MM | POLISH



LEGACY MARFIL

POLISH | BEYOND













POLISH | BEYOND

FACES X 3



GOZZIO BEIGE 1200x1200 MM | BEYOND



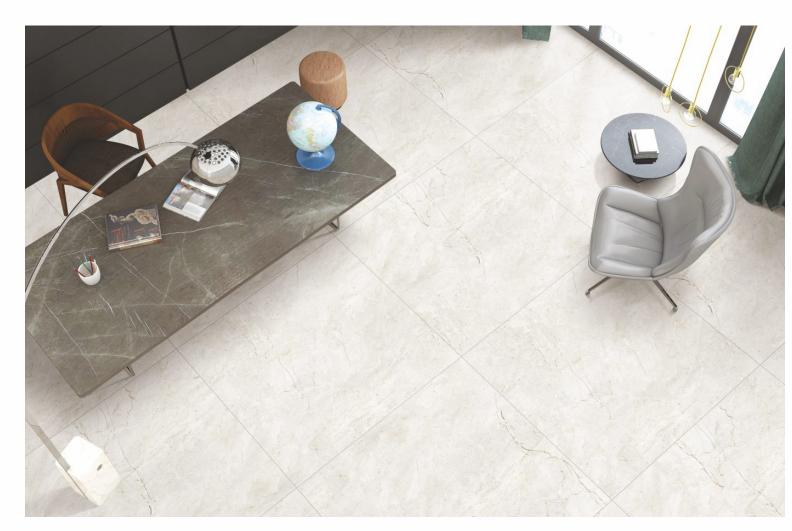
GOZZIO BEIGE 1200x1200 MM | POLISH

## 1200x1200 mm







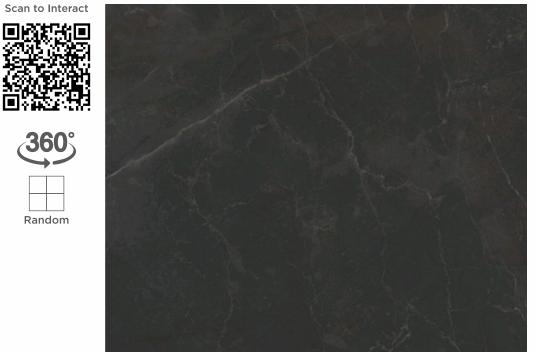


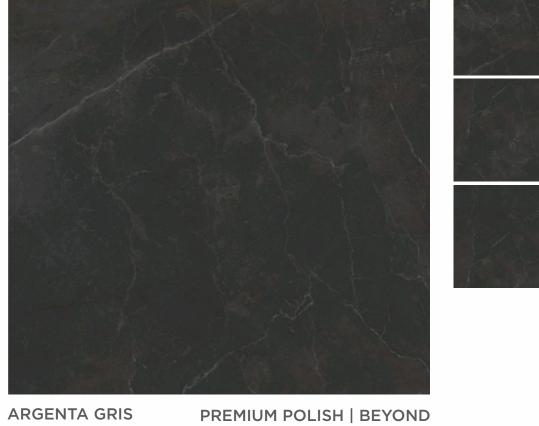
KASHMIR MARFIL(M-TECH) | MARBLETECH



ARGENTA GRIS | PREMIUM POLISH

FACES X 3





## 1200x1200 mm



Scan to Interact





CHARCOAL NERO

PREMIUM POLISH

FACES X 4



CHARCOAL NERO | PREMIUM POLISH

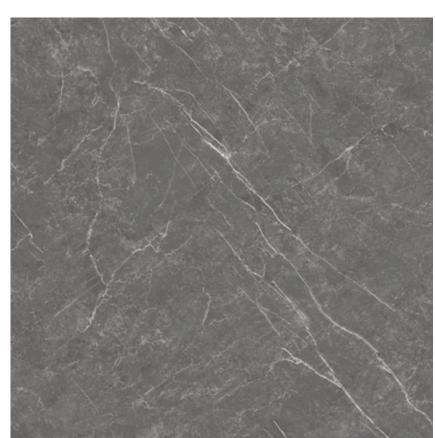


CHARCOAL NERO | PREMIUM POLISH

## 1200x1200 mm









POLISH | BEYOND

FACES X 3



MIYAKI GREY | BEYOND



CARRARA GOLDEN | SUPER WHITE (POLISH)



## 1200x1200 mm



Scan to Interact

Random

FACES X 4



SUPER WHITE (POLISH)
BEYOND



STATUARIO DOVE



BOTTICINO CLASSICO | POLISH



## 1200x1200 mm









CALIFORNIA CREMA | POLISH





CORSICA BEIGE | POLISH







CORSICA BEIGE

POLISH

## 1200x1200 mm



Scan to Interact

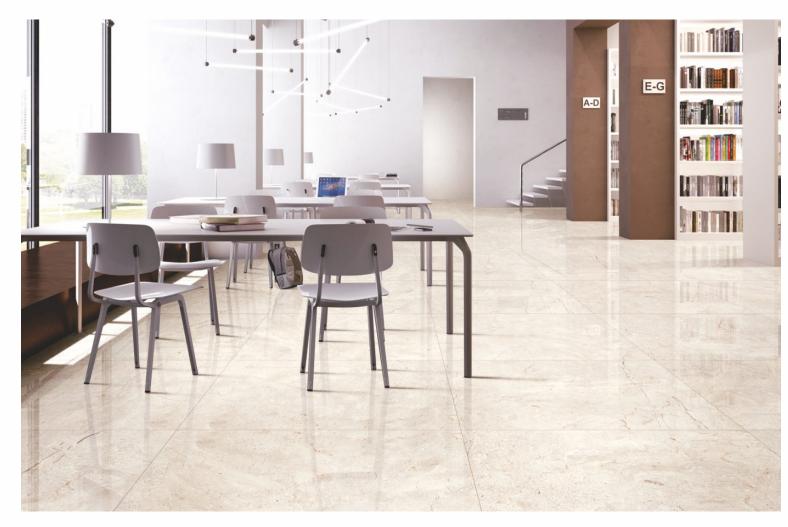








JERICO MARFIL | POLISH



KASHMIR MARFIL | POLISH







KASHMIR MARFIL



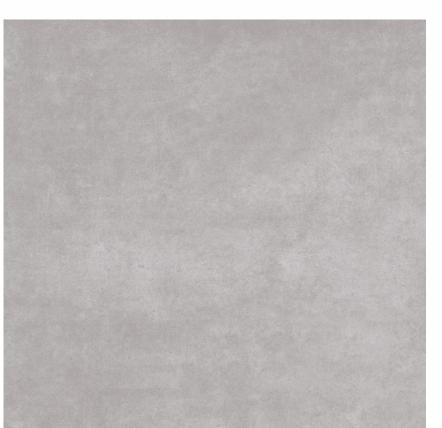
**POLISH** 

## 1200x1200 mm



Scan to Interact







PREMIUM MATT

FACES X 4



CEMENTINE GRIS | PREMIUM MATT



CROSS WOOD WENGE | PREMIUM MATT

FACES X 1







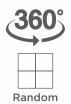
**CROSS WOOD WENGE** 

PREMIUM MATT

## 1200x1200 mm



Scan to Interact

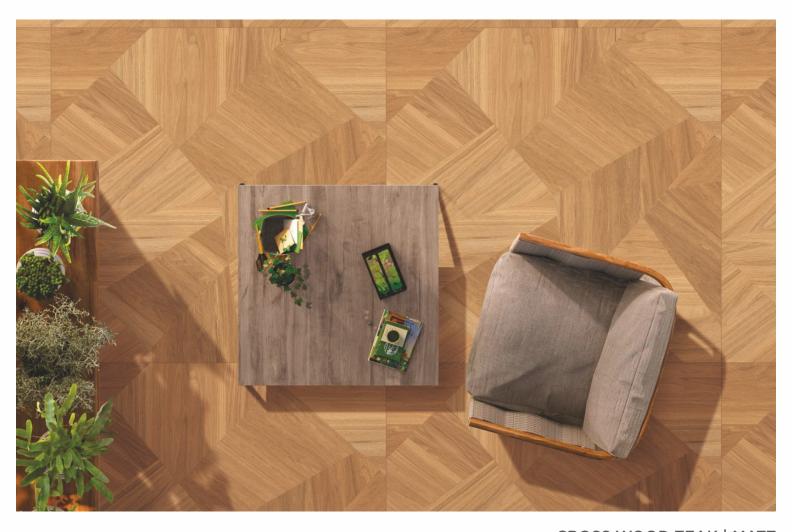




FACES X 4



CEMENTINE GREY | MATT



CROSS WOOD TEAK | MATT







**CROSS WOOD TEAK** 



MATT



### 1200x1800 MM

#### 4DX

SATUARIO LUXE	18
SUPERWHITE (POLISH)   BOLD   BEYON	ND
PAVIT GREY	20
POLISH   BOLD   BEYOND	
LEGACY GREY	22
POLISH   BOLD   BEYOND	
LEGACY MARFIL	24
POLISH   BOLD   BEYOND	
GOZZIO BEIGE	26
POLISH   BOLD   BEYOND	
SUPER WHITE	
ARBESCATO	28

# SATUARIO-A + B 30 POLARIS 32 CALACATTA DOVE 34 MARBLETECH

BOTTICINO CLASSICO	36
CLASSIC GREY	38
ELEGANT BEIGE	40
EMALI BEIGE	42
ONYX BLANCO	44
PULPIS MARFIL	46

# PREMIUM POLISH NEW AVENUE AZUL 48 NEW BELGIUM BLACK 50 NEW KANOVA NATURAL 52

NEW MAJESTIC GRIS	54
PERSIAN BLUE	56
PIETRA MOCHA	58
NEW QUANTIKO GRIS	60
NEW RIVERIA GRIS	62
NEW SAHARA GOLD	64





POLISH	
ARMANI GREY	66
BOTTICINO	68
BRECCIA AURORA	70
CLASSIC BEIGE	72
CLASSIC GREY	74
CREMA MARBLE	76
<b>ELEGANT BEIGE</b>	78
FOSSIL BEIGE	80
HELUX GREY	82
JERICO MARFIL	84
KASHMIR MARFIL	86
ONYX BLANCO	88
ONYX PEARL	90
REGALIA MARFIL	92
ROYAL DYNA	94
TRIANA BEIGE	96
TRIANA ROSSO	98
ZION BEIGE	100
ZION MARFIL	102
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ELEGANT BEIGE	1112
BLEND	
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PREMIUM MATT	

**OSLO GRIS MATT** 

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BOTTOCHINO STAR	136
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DYNAMIC BEIGE	140
ELENA CREMA	142
ESSEX CREMA	144
FIESTA GRIS	146
HARMONY ONYX	148
LAPIS TAUPE	150
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VASPO CREMA	160
VICTORY GREY	162
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ORION GREY	166
UMBRIA BEIGE	168
	SWIFT POLISH AESTHETIC BIANCO ALERO CREMA ARISTA GREY BOTTOCHINO STAR CORDELA BEIGE DYNAMIC BEIGE DYNAMIC BEIGE ELENA CREMA ESSEX CREMA FIESTA GRIS HARMONY ONYX LAPIS TAUPE OLIKHA BEIGE PICCOLO TAUPE PIETRA TAUPE SATUARIO ALMOND VASPO CREMA VICTORY GREY  SWIFT MATT BASALTINA MARFIL ORION GREY



**UMBRIA GREY** 

#### 1200x1200 MM

_	
4	DX
-4	IJΧ

SATUARIO LUXE	174
SUPERWHITE (POLISH)   BEYOND	
PAVIT GREY	175
POLISH   BEYOND	
LEGACY GREY	176
POLISH   BEYOND	
LEGACY MARFIL	177
POLISH   BEYOND	
GOZZIO BEIGE	178
POLISH   BEYOND	

### MARBLETECH

KASHMIR MARFIL 180

#### PREMIUM POLISH | BEYOND

NEW ARGENTA GRIS	181
PREMIUM POLISH   BEYOND	

#### **PREMIUM POLISH**

NEW CHARCOAL NERO 182

#### POLISH | BEYOND

™ MIYAKI GREY	184
POLISH   BEYOND	
EW CARRARA GOLDEN	185
DOLISH   REVOND	

## SUPER WHITE(POLISH) | BEYOND

STATUARIO DOVE 186

#### **POLISH**

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BOTTICINO CLASSICO	187
CALIFORNIA CREMA	188
CORSICA BEIGE	189
JERICO MARFIL	190
KASHMIR MARFIL	191

#### **PREMIUM MATT**

CEMENTINE GRIS	192
CROSS WOOD WENGE	193

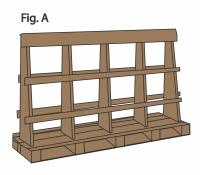
#### **MATT**

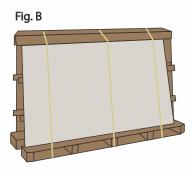
CEMENTINE GREY	194
CROSS WOOD TEAK	195



#### TRANSPORTATION, HANDLING AND STORAGE OF ULTIMA SLAB

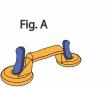
When transporting the Ultima slabs, they must be secured properly to avoid storage problems. If the tiles are transported over a short distance, the Ultima slabs should be kept vertically in the vehicle and at back side of slabs there should be proper packing or ply to avoid breakage. If the tiles are transported over a longer distance, they should be kept on an A shape frame, as shown in Fig A and B. With this method, we can avoid any breakage of slabs during transit.





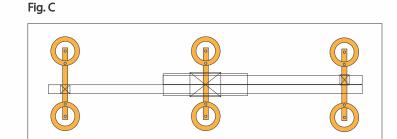
#### MANUAL HANDLING OF ULTIMA SLAB

When handling Ultima slabs manually, the primary tool used is the regular suction cup (Fig. A and B). Using these, workers can shift the tiles easily.

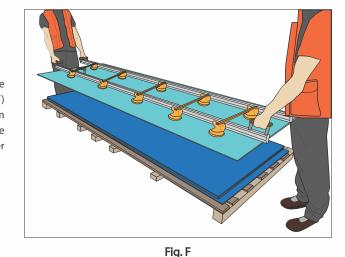








If the surface of the slab is textured, the best way to handle the Ultima slabs manually is by using a Large Format Tile (LFT) Carrier System (Fig. C) with suction cups that hold the tile from all four sides. By using this method, workers can lift or shift the tiles easily without any damage and will require the manpower of two people.



## STORAGE

The Ultima slabs should be stored on A shape frame, made up of wood or steel with rubber lining, as shown below.



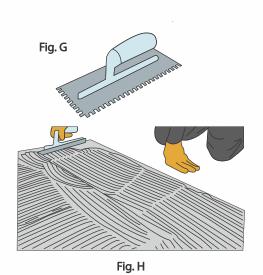
#### **LAYING & FIXING**

a) The Ultima slabs are very heavy, large-sized, and have sharp edges. So, it is important for the people transporting the tiles to wear protective gear like gloves during transportation. We also recommend the use of double or triple suction cups for a firm grip of the tile while ensuring the safety of the operator. Before transporting the tile, it should be thoroughly cleaned to get rid of any dust or moisture and make sure that the grip of the tile is not compromised. Then the suction cups should be placed on the face of the tile and be checked for how well they are stuck to the surface before lifting the tile.

To handle the large-sized slabs like Ultima slabs, we recommend using a special LFT carrier system with four suction cups.

- b) The following points should be considered while laying the Ultima slabs:
  - 1. The subfloor or the laying surface should be prepared properly before laying the Ultima slabs. The laying surface should be rigid, non-flexing, and capable of supporting the expected load with minimal or no deflection.
  - 2. A leveled subfloor is extremely important to keep the Ultima slabs from cracking.
  - 3. Provision of proper curing for the subfloor, for around 24 to 48 hours before tiling work.

For internal or external application, it is essential to select the appropriate cement-based, fiber-reinforced or ready-mixed adhesive to ensure that the Ultima slabs are properly fixed.



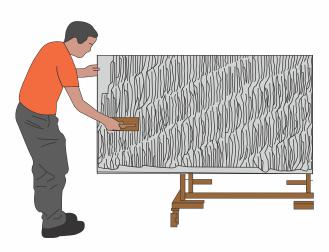
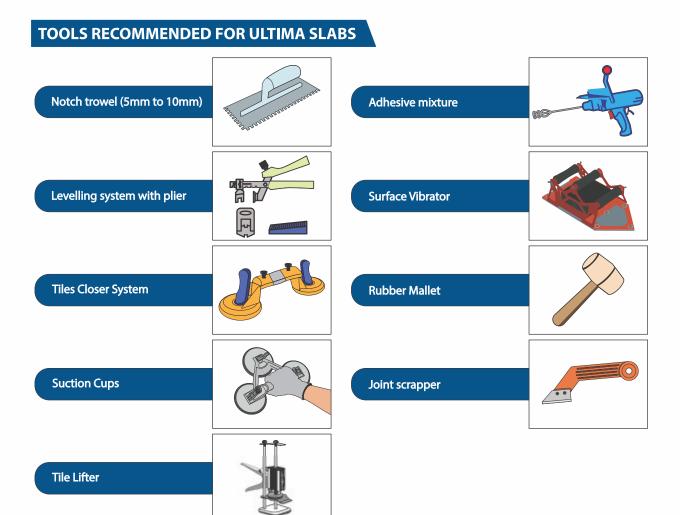


Fig. I

- 4. Once the subfloor is clean and ready, the adhesive should be spread evenly covering the entire area using a 10x10mm square notch trowel (Fig. G). The adhesive should cover 5cm to 10cm more than the size of the Ultima slabs. The adhesive should always be applied in stripes running parallel with the short edge to remove any air pockets or bubbles.
- 5. The Ultima slabs require back-buttering due to their large format. Back-buttering means applying a layer of adhesive at the back of the tile using a trowel (Fig. I). The Ultima slabs should be fixed on a handing frame with the use of suction cups in a vertical position, as shown in Fig. C.
- 6. To apply adhesive on the laying surface, a 10×10mm square notch trowel should be used whereas a 5×5mm square notch trowel should be used for back-buttering.
- 7. After fixing the Ultima slabs on a handing frame with the use of suction cups in a vertical position, it should be lowered slowly into a horizontal position and firmly pressed into the adhesive along with a surface vibrator or a rubber mallet.
- 8. Use a levelling system to avoid lippage and give a smooth and even surface at every joint. Levelling systems are available from 1mm to 10mm.
- 9. A closer system can be used to close the tiles nearer to each other and shift the tile slightly up and down at the time of fixing.
- 10. The backs of the slabs must be regularly checked to make sure that there is full contact between the adhesive and the tile surface. If a hollow sound is heard during fixing, the tile should be lifted again and provided with extra adhesive at that particular area to give proper strength to the tile.
- 11. After completing the tiling work, it is recommended to put a protection sheet on tiles until the completion of all civil work. It is recommended that the grouting work be done at the very last, after completing all civil work. We can use sanded grouts with hardener or epoxy grout, depending on the area of usage or as per instructions of the site in-charge.





#### TILE CUTTING

Mark the portion to be cut out from the ends of the Ultima slab using a pencil. Then, properly position the cutting guide with a cutting carriage so that the references on the guide coincide with the lines marked on the slab. Lock the cutting. Guide with the cutting carriage in place using the suction cups. It is vital to keep the pressure and movement of the cutting carriage constant along the whole length of the cut to ensure correct scoring.

Score one end of the slab by 15cm pushing the cutting carriage towards the edge of the slab. Complete the scoring up to the opposite end of the slab.



#### CLEANING

#### **CLEANING AFTER LAYING**

After laying the Ultima slabs on the floor or wall, it should be cleaned well to remove any residual grouting and the normal dirt acquired from building works.

A cementitious de-scaler can be used for cleaning the joints, as it is mildly acidic and does not emit harmful fumes, ensuring the safety of the user. In case of material laid with epoxy or resinous grouting, it is recommended to clean after laying with specific detergent or tile cleaner.



#### **REGULAR MAINTENANCE**

To clean the floor thoroughly, we recommend using a natural detergent with high cleaning power. In case of strong dirt that gets encrusted with time, we recommend consulting the following ways to find the perfect solution to every situation:

TYPE OF DIRT	PRODUCT
Cement, Metal tracer, rust	Cementitious descaler
Residuals, stains and halos of epoxy joints	Epoxy descaler
Grease, tire marks, colours, markers etc.	Non soap degrease
Graffitis	Acetone and anti-graffitis

#### RECOMMENDATIONS

#### **Drying Process**

Once the tiles have been grouted and the excess grout has been cleaned off, it is important to wait till the tiled surface is dried completely before cleaning. The recommended waiting time is 5 days, before cleaning or using the tiled surface.

#### **Protecting from Liquid**

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

#### Damage Prevention

It is important to protect the newly tiled surface against mechanical or chemical damage resulting from subsequent work carried out by other professionals or due to 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 using solid detergents with abrasive particles and solutions containing hydrofluoric acid, which attacks the glaze and causes irreversible damage to the vitrified tile.

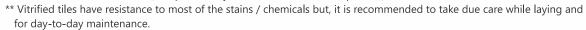
#### PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA
1200x1800	02	4.32 M <sup>2</sup>
1200x1200	02	2.88 M <sup>2</sup>

#### TECHNICAL SPECIFICATIONS -

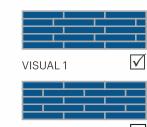
S.No	Technical Characteristics	* IS 15622:2017, *EN 14411:2016 & ISO 13006:2018 Group Bla (Annex G) Standard's Requirement	Kajaria Eternity Tile's Specifications	Test method
1.	Deviation in length & width	± 0.1 % ± 0.6 %/ ± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
2.	Deviation in thickness	± 5.0 %	± 4.00 %	IS 13630-1 EN ISO 10545-2
3.	Deviation in Straightness of sides	± 0.1 % ± 0.5 %/± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
1.	Deviation in Rectangularity	± 0.1 % ± 0.5 %/± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
j.	Deviation in Surface Flatness	± 0.5 % ± 0.5 %/± 0.4 %	± 0.15 %	IS 13630-1 EN ISO 10545-2
i.	Surface quality	95% of the tiles shall be free from visible defects	95% of the tiles shall be free from visible defects	IS 13630-1 EN ISO 10545-2
	Modulus of rupture	Avg. 35 N/mm2, individual Min 32 N/mm2	≥ 40 N/mm²	IS 13630-6 / EN ISO 10545-4
i.	Breaking strength	Minimum 1300 N	≥ 2000 N	IS 13630-6 / EN ISO 10545-4
	Bulk Density	Minimum 2.20 g/cc	≥ 2.25 g/cc	IS 13630-2
0.	Glossiness	Manufacture to state the class	Min 5 for Rustic/Matt/Satin Finish Min 90 for Polish Finish	Glossimeter 60 degrees
1.	Water Absorption	≤ 0.08 %, Individual Max 0.1% ≤ 0.5 %, Individual Max. 0.6 %	≤ 0.08 %, Individual Max 0.1% ≤ 0.3 % (Only for 13x80 cm)	IS 13630-2 / EN ISO 10545-3
.2.	Resistance to surface abrasion of Glazed tiles	Minimum Class II Report abrasion class and cycles passed	PEI-Class III to Class IV	IS 13630-11 EN ISO 10545-7
3.	Thermal expansion from ambient temperature to 100 ° C	Test method available	6x10 <sup>-6</sup> K <sup>-1</sup> Maximum	IS 13630-4 EN ISO 10545-8
4.	Thermal shock resistance	10 cycles Minimum Test method available	10 cycles Minimum	IS 13630-5 EN ISO 10545-9
.5.	Moisture expansion	Maximum 0.02 Millimeter/Metre Test method available	Nil —	IS 13630-3 EN ISO 10545-10
6.	Crazing resistance (Glazed Tiles)	Passes 4 cycles at 7.5 kg/cm2 Required	Passes 4 cycles at 7.5 kg/cm²	IS 13630-9 EN ISO 10545-11
7.	Frost resistance	Required	100 cycles Minimum	IS 13630-10 EN ISO 10545-12
8.	Resistance to Household Chemicals & Swimming Pool Salts #	Minimum Class AA Minimum GB	Minimum Class AA Minimum GB	IS 13630-8 EN ISO 10545-13
9.	Resistance to low & high concentration of acids & alkalis #	Manufacturer to state classification	Minimum Class AA Minimum GLB,GHB	IS 13630-8 EN ISO 10545-13
0.	Stain resistance**	Minimum Class 1 Minimum Class 3	Minimum Class 1 Minimum Class 3	IS 13630-8 EN ISO 10545-14
1.	Slipperiness	Test method available	≥ R-9 to R-10 for Rustic/Matt/Satin Finish ≥ R-9 for Polish Finish	DIN 51130:2014
2.	Co-efficient of friction	Manufacture to state the class	≥ 0.32 for Rustic/Matt/Satin Finish S 0.20 for Polish Finish ISO 10545-17	
:3.	Scratch hardness of surface(Moh´s scale)	Minimum 5 Test method available	Min 6 for Rustic/Matt/Satin Finish Min 5 for Polish/Marbletech Finish	IS 13630-13 EN 101
24.	Impact Resistance	Minimum 0.55 Test method available	Min 0.55 & No identification of cracking	IS 13630-14 EN ISO 10545-5

# Resistance to acids & alkalis (Exception of Hydrofluoric acid & its compounds)



- Colours in the catalogue are as accurate as printing process allows. Please check actual tile sample before making the final selection.
- Sizes mentioned in the catalogue are nominal sizes only.
- No claim will be entertained once the tiles are fixed.
- For better laying, please follow the instructions on the packaging box.
- In case it is required to lay the tiles on wall or floor in STAGGERED PATTERN, then always lay them in Overlap 20:80 ratio, as shown in VISUAL 1 instead of Brick pattern (overlap 50:50 ratio), as shown in VISUAL 2.





Please make sure to check the shade/finish with the sales agent/dealer before making the final purchase because there might be variation in actual finish and that shown in the catalogue. The company will not bear any loss in such case.



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