

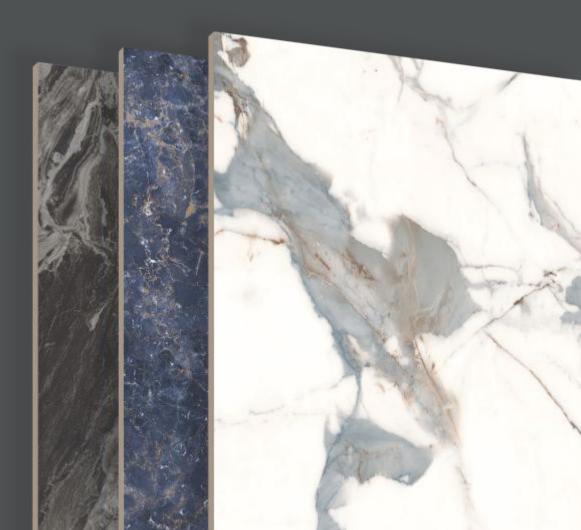
Srikalahasti Plant, Andhra Pradesh

### **ABOUT KAJARIA**

Kajaria Ceramics is the largest manufacturer of Ceramic/ Vitrified tiles in India. It has an annual capacity of 90.50 mn. sq. meters, distributed across nine plants.

The manufacturing units are equipped with cutting-edge technology consisting of intense automation, robotic car application, and zero chance for human errors - these are just a few reasons why Kajaria remains at the top of the industry.

The best in providing tile solutions, Kajaria has grown stronger with its hard work, innovation, and patronage from our discerning customers.





# CONTINUAL TECHNOLOGY & ADVANCED DIGITAL GLAZE MACHINE



OUR FACILITIES ARE EQUIPPED WITH CONTINUA+ TECHNOLOGY THAT ACHIEVES:

Production of large slabs using automated pressing technology

Superior surface flatness when compared to conventional pressing

Greater body strength and flexibility due to uniform roller pressing

Consistent and homogenous density

Unequalled shine, perfect slab planarity





### FINISHES

#### **SUPERWHITE**

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

### BOLD | PREMIUM 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.

### POLISH | PREMIUM POLISH

The most premium transparent glaze that ensures a graphic and unparalleled sharpness, giving it a high definition retina image, you can almost use it as a mirror.

### MATT

With a sophisticated matt finish and high durability, these tiles can withstand heavy footfall and yet, they're easily maintained.

### **BLISS**

These are decor 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.

### **BEYOND**

A luxury series in tile design, with the most premium surface. These tiles are developed with advanced digital technology. Almost Zero Surface Reflection, with wider possibilities of tonalities and intensity, and the finest Integration of designs and elegance.

### **ALPHATECH**

Offering a Matt surface with near-zero reflection along with gloss carving seamlessly blending sophistication and elegance. Its subtle sheen accents enhance contrast, elevating design and visual appeal to new heights.

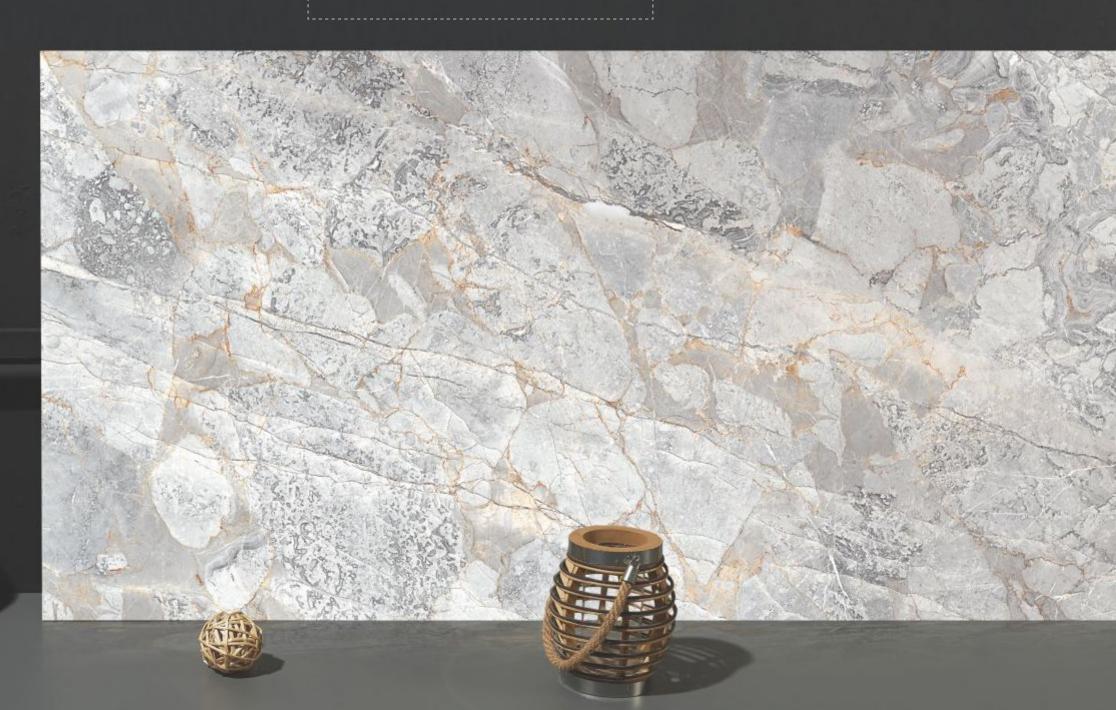
#### -----

**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.

#### **MARBLETECH**

The elegant look and feel of real marble in terms of touch, feel and shine makes it difficult to distinguish between the Ultima slabs and real marble.













This collection is carefully curated to redefine luxury and sophistication. Inspired by the serene charm of the Mediterranean town of Alcamo, this collection encapsulates the purity ad grandeur of natural marble offering an exquisite blend of tradition and modernity. Each tile in this collection is a masterpiece offering soft tonal variations that mirror the beauty of authentic marble making them perfect choice for spaces that demand refinement and grace. Alcamo focusses on subtle elegance of natural marble, it offers opulent look, ideal for creating serene, uncluttered spaces that exude class.

### **3 FINISHES**

### POLISH | ALPHA TECH | LINEA\*

4 COLOURS





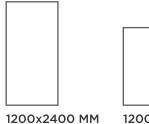






**BIANCO** 

**3 SIZES** 



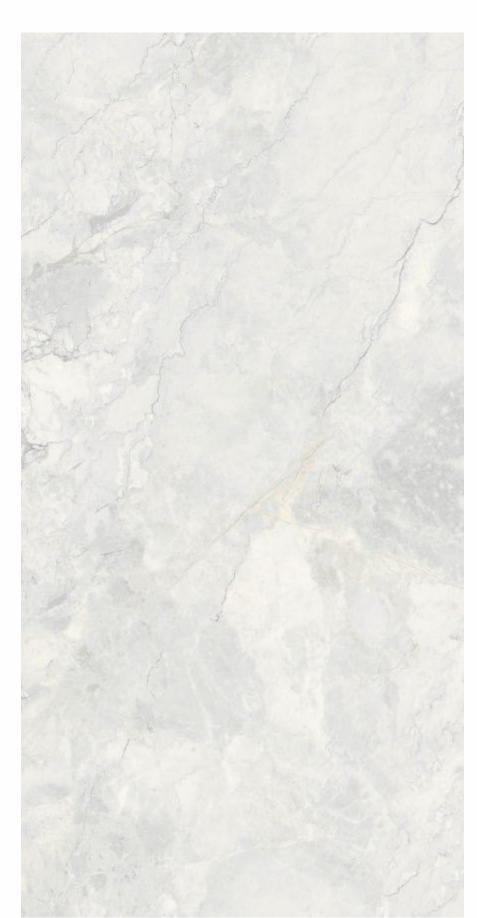




1200x1800 MM

600x1200 MM\*

### **ALCAMO BIANCO**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | ALPHATECH

FACES X 4



### AVAILABLE SIZES & FINISHES







600x1200 MM POLISH | ALPHATECH | LINEA



ALCAMO BIANCO | POLISH

"

### **ALCAMO GREY**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | ALPHATECH

FACES X 4



### AVAILABLE SIZES & FINISHES







600x1200 MM POLISH | ALPHATECH | LINEA



ALCAMO GREY | POLISH

### **ALCAMO BEIGE**







SIZE & THICKNESS

1200x2400 | 9 MM

PREMIUM POLISH | ALPHATECH

FACES X 2



### AVAILABLE SIZES & FINISHES







600x1200 MM PREMIUM POLISH | ALPHATECH | LINEA



ALCAMO BEIGE | PREMIUM POLISH

### **ALCAMO BRONZE**







SIZE & THICKNESS

1200x2400 | 9 MM

PREMIUM POLISH | ALPHATECH

FACES X 2



#### AVAILABLE SIZES & FINISHES







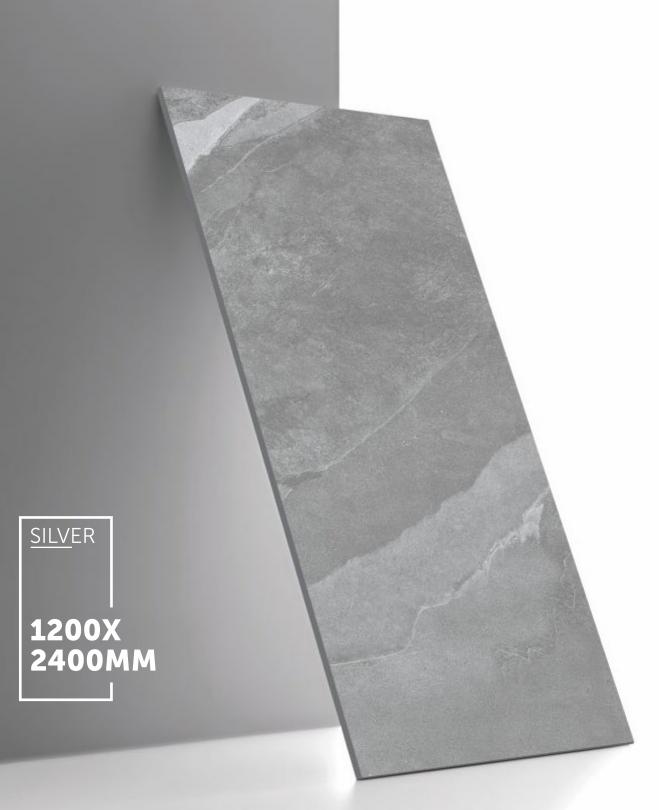
600x1200 MM PREMIUM POLISH | ALPHATECH | LINEA



ALCAMO BRONZE | PREMIUM POLISH









The CORDOSO GVT Tile Collection captures the refined and timeless essence of natural slates inspired by the landscapes and architectural heritage of India. These stones seamlessly integrate with the natural environment, embodying a style that is both elegant and modern. This collection has been meticulously crafted to replicate the distinctive charm of these remarkable slates, which naturally enhance contemporary architectural spaces. Through impeccable design and the expertise of skilled artisans, the CORDOSO tiles exhibit the authentic character of natural stone-visually striking yet smooth and gentle to the touch. The CORDOSO Collection is a ceramic masterpiece that combines the understated elegance of natural slates with a dynamic, modern aesthetic, offering a versatile solution for sophisticated interior and exterior designs.

### 3 FINISHES

### **BOLD I ALPHA TECH I LINEA\***

5 COLOURS







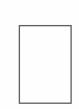
**SILVER** 





3 SIZES







1200x2400 MM 1

1200x1800 MM

600x1200 MM\*



### **CARDOSO BEIGE**



Scan to Interact



SIZE & THICKNESS

1200x2400 | 9 MM

ALPHATECH |
PREMIUM BOLD

FACES X 4





### AVAILABLE SIZES & FINISHES





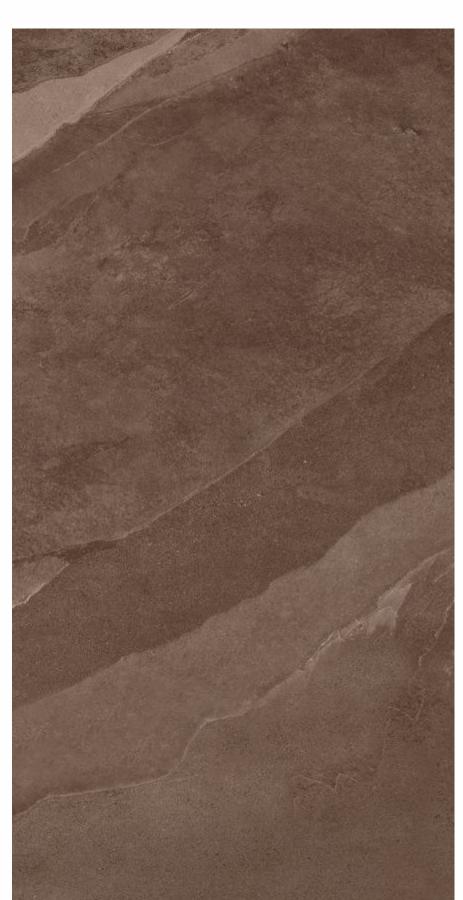


600x1200 MM ALPHATECH | PREMIUM BOLD | LINEA



CARDOSO BEIGE | ALPHATECH

### **CARDOSO BRONZE**



Scan to Interact

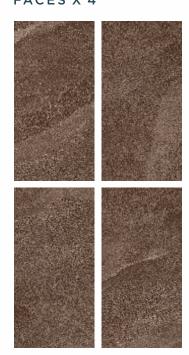


SIZE & THICKNESS

1200x2400 | 9 MM

ALPHATECH |
PREMIUM BOLD

FACES X 4



### AVAILABLE SIZES & FINISHES



1200x1800 MM ALPHATECH | PREMIUM BOLD



600x1200 MM ALPHATECH | PREMIUM BOLD | LINEA



CARDOSO BRONZE | ALPHATECH

### **CARDOSO SILVER**







SIZE & THICKNESS

1200x2400 | 9 MM

ALPHATECH |
PREMIUM BOLD

FACES X 4



### AVAILABLE SIZES & FINISHES







600x1200 MM ALPHATECH | PREMIUM BOLD | LINEA



CARDOSO SILVER | PREMIUM BOLD

### **CARDOSO NERO**



Scan to Interact



SIZE & THICKNESS

1200x2400 | 9 MM

ALPHATECH |
PREMIUM BOLD

FACES X 4



### AVAILABLE SIZES & FINISHES



1200x1800 MM ALPHATECH | PREMIUM BOLD



600x1200 MM ALPHATECH | PREMIUM BOLD | LINEA



CARDOSO NERO | ALPHATECH

### **CARDOSO VERDE**









SIZE & THICKNESS

1200x2400 | 9 MM

ALPHATECH |
PREMIUM BOLD

FACES X 4





### AVAILABLE SIZES & FINISHES







600x1200 MM ALPHATECH | PREMIUM BOLD | LINEA



CARDOSO VERDE | ALPHATECH









Introducing Bonaldo collection that embodies sophistication, offering designs inspired by the world's most exquisite marbles, meticulously crafted for modern interiors. The Bonaldo collection celebrates the grandeur of marble with intricate veining, rich textures and natural tones. Whether you seek a minimalist vibe or a bold luxurious statement, this collection offers an array of designs, colours and finishes to match every aesthetic appearance. Convert everyday living into an artful experience, discover the harmony of luxury and practicality in every tile. Explore the Bonaldo collection and let your spaces narrate stories of elegance and grandeur

### 4 FINISHES

### POLISH | MARBLE TECH | BLEND | LINEA\*

4 COLOURS









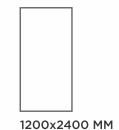
GREY

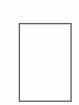
CREMA

BIANCO

SIIVED

3 SIZES







400 MM 1200x1800 MM

600x1200 MM\*

### **BONALDO BIANCO**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BLEND |
MARBLETECH

FACES X 3





### AVAILABLE SIZES & FINISHES







600x1200 MM POLISH | MARBLETECH | BLEND | LINEA



BONALDO BIANCO | POLISH

### **BONALDO CREMA**







SIZE & THICKNESS

1200x2400 | 9 MM

POLISH | BLEND | MARBLETECH

FACES X 3





#### AVAILABLE SIZES & FINISHES







600x1200 MM POLISH | MARBLETECH | BLEND | LINEA



BONALDO CREMA | POLISH

### **BONALDO SILVER**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BLEND |
MARBLETECH

FACES X 3





### AVAILABLE SIZES & FINISHES







600x1200 MM POLISH | MARBLETECH | BLEND | LINEA

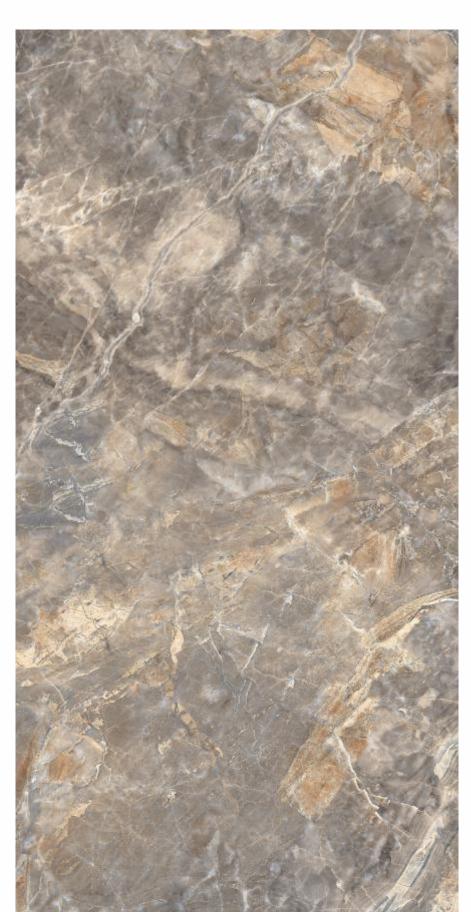


BONALDO SILVER | BEYOND

5/



### **BONALDO GREY**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH |
BLEND | MARBLETECH

FACES X 4





### AVAILABLE SIZES & FINISHES







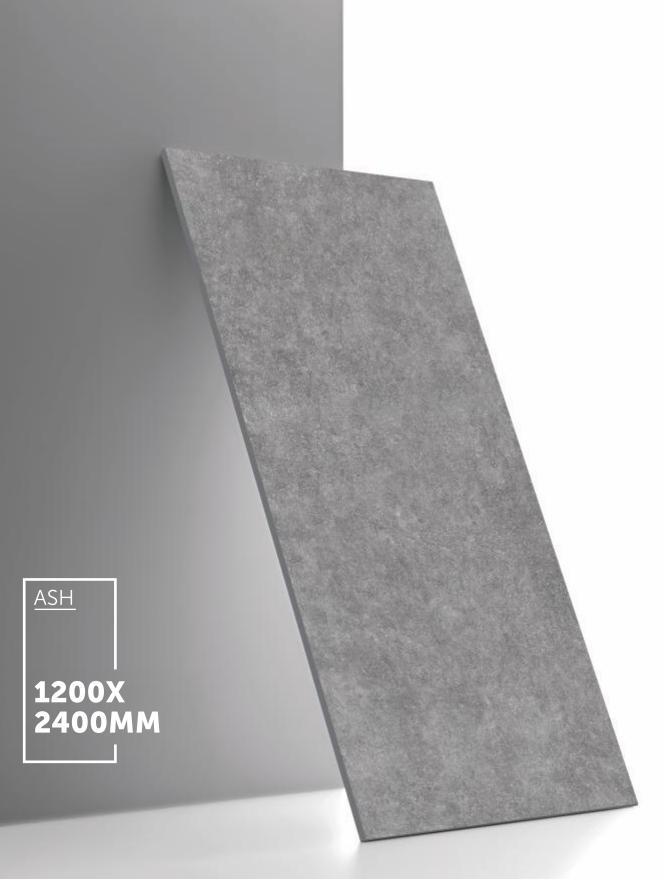
600x1200 MM POLISH | MARBLETECH | BLEND | LINEA



BONALDO GREY | POLISH

## **MOONSTONE** COLLECTION







The Moon Stone Collection is a tribute to the captivating beauty of the moon's surface as it appears before a lunar eclipse. The collection draws inspiration from the subtle textures, serene tones, and mesmerizing patterns that reflect the moon's mystical aura during this rare celestial event. Meticulously designed, the Moon Stone Collection reimagines this natural phenomenon in the form of exquisite tiles that exude elegance and sophistication. Each tile replicates the soft gradients and distinctive patterns of the moon's surface, offering a unique blend of visual intrigue and natural charm. Crafted with cutting-edge technology and a commitment to perfection, the Moon Stone Collection mirrors the timeless allure of lunar beauty, making it an ideal choice for creating spaces that are both tranquil and awe-inspiring. With its harmonious blend of strength and finesse, this collection transforms interiors into spaces that resonate with the serene magnificence of the cosmos.

#### 2 FINISHES BOLD | BEYOND

4 COLOURS

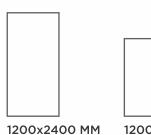
















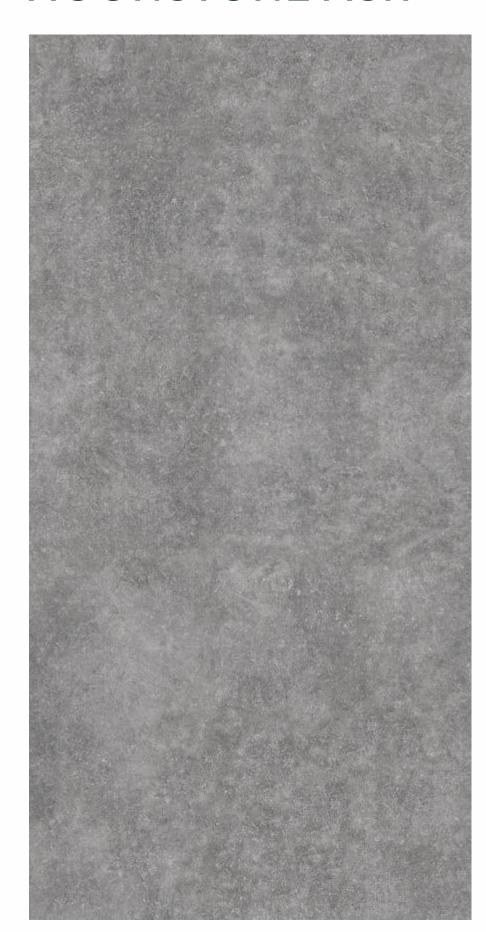
3 SIZES

1200x1800 MM

600x1200 MM\*



### **MOONSTONE ASH**





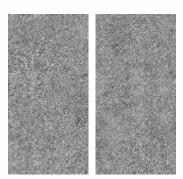


SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE BEYOND PREMIUMBOLD

FACES X 2



### AVAILABLE SIZES & FINISHES





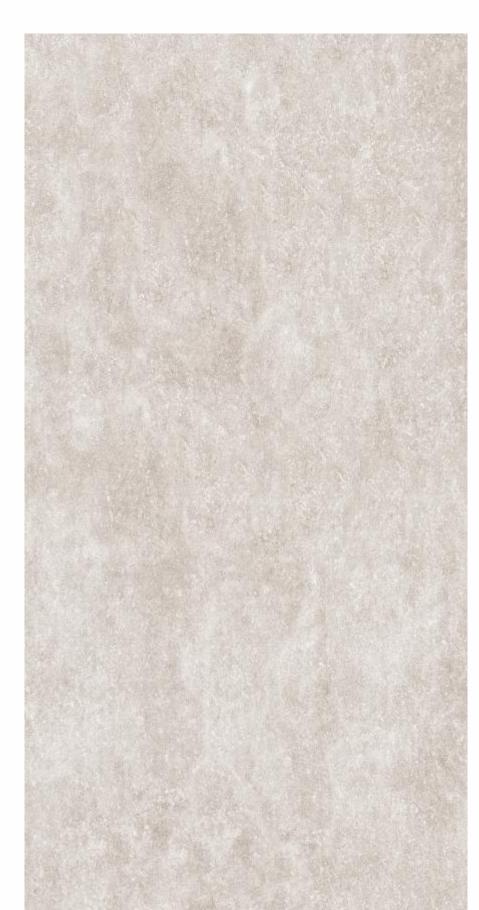


600x1200 MM BEYOND | PREMIUM BOLD



MOONSTONE ASH | BEYOND

### **MOONSTONE GREY**







SIZE & THICKNESS

1200x2400 | 9 MM

BEYOND |
PREMIUM BOLD

FACES X 2



### AVAILABLE SIZES & FINISHES







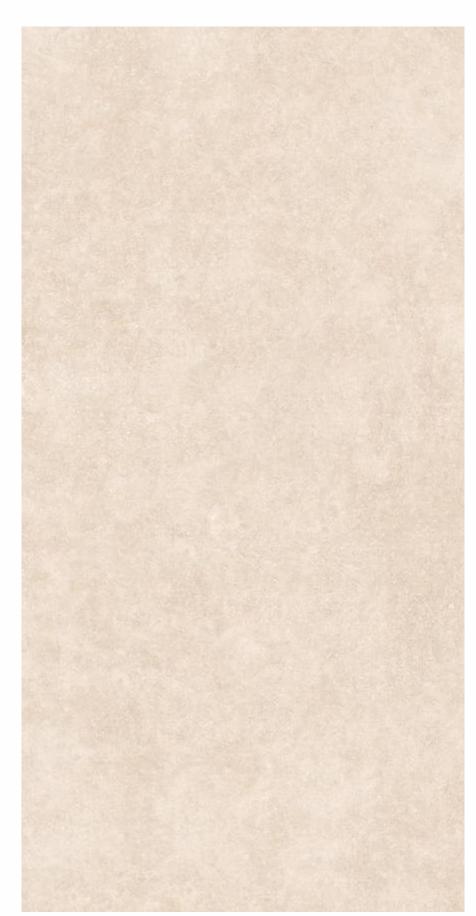
600x1200 MM BEYOND | PREMIUM BOLD



MOONSTONE GREY | BEYOND



### **MOONSTONE MARFIL**







SIZE & THICKNESS

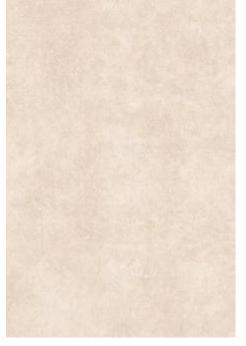
1200x2400 | 9 MM

BEYOND |
PREMIUM BOLD

FACES X 2



### AVAILABLE SIZES & FINISHES







600x1200 MM BEYOND | PREMIUM BOLD



MOONSTONE MARFIL | BEYOND

### 1200x2400 mm



### **MOONSTONE TAUPE**







SIZE & THICKNESS

1200x2400 | 9 MM

BEYOND |
PREMIUM BOLD

FACES X 2



### AVAILABLE SIZES & FINISHES







600x1200 MM BEYOND | PREMIUM BOLD



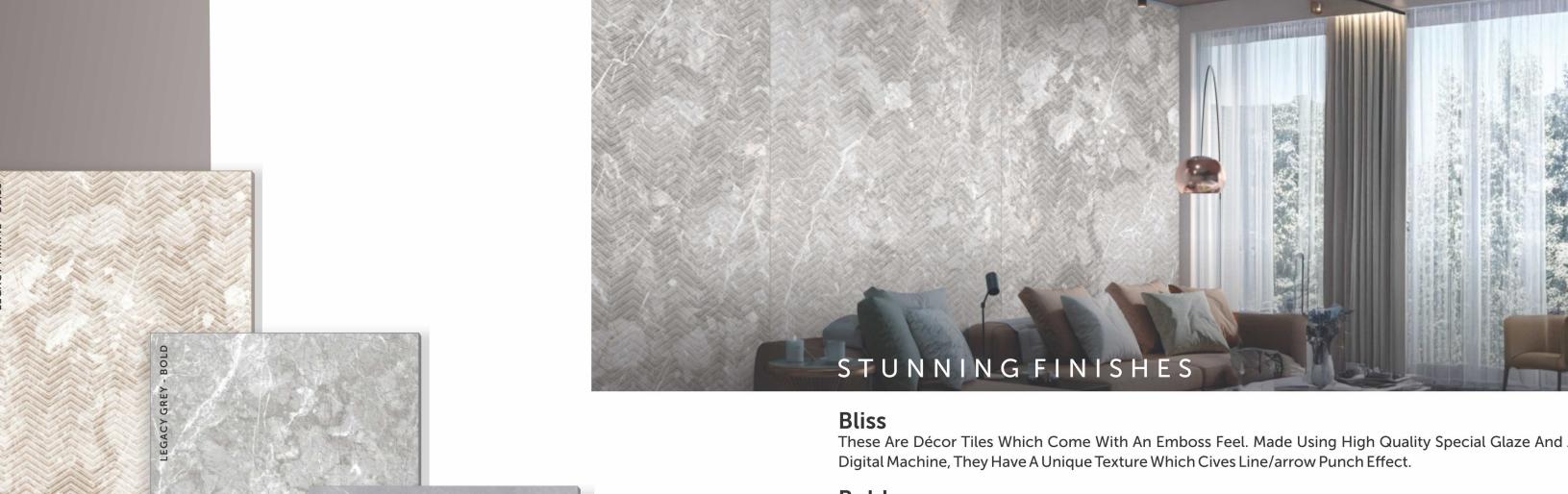
MOONSTONE TAUPE | BEYOND

50



600X1200 MM





These Are Décor Tiles Which Come With An Emboss Feel. Made Using High Quality Special Glaze And A

### 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.

### Polish

A Spectacular Mirror Like Effect is What You Cet 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.

### Beyond

This Finish is Made Fora 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.

#### AVAILABLE SIZES & FINISHES

SIZE	POLISH	BEYOND	BOLD	BLISS
1200X2400MM			<b>/</b>	
1200X1800MM			<b>✓</b>	
1200X1200MM	<b>/</b>	<b>✓</b>		
600X1200MM			<b>/</b>	

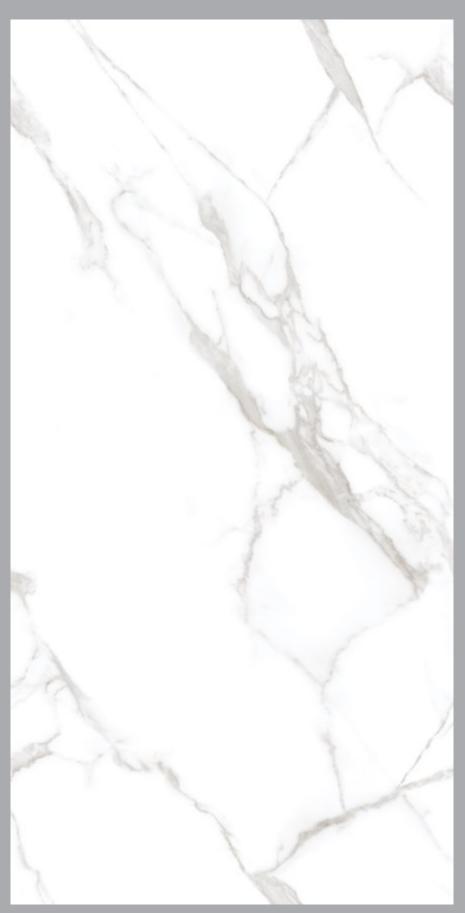








### SATUARIO LUXE







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BEYOND |
BOLD | \*BLISS

FACES X 4



\* In Bliss line effect is available in this shade.

### AVAILABLE SIZES & FINISHES



1200x1800 MM POLISH | BOLD | BEYOND



1200x1200 MM POLISH | BEYOND



600x1200 MM POLISH | BOLD BEYOND | \*BLISS



SATUARIO LUXE | POLISH & BLISS





### **PAVIT GREY**





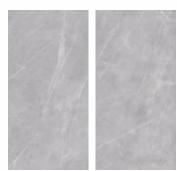


SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BEYOND |
BOLD | \*BLISS

FACES X 3





### AVAILABLE SIZES & FINISHES







1200x1200 MM POLISH | BEYOND



600x1200 MM POLISH | BOLD BEYOND | \*BLISS



PAVIT GREY | POLISH & BOLD

<sup>\*</sup> In Bliss line effect is available in this shade.





### **LEGACY GREY**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BEYOND |
BOLD | \*BLISS

FACES X 3





#### AVAILABLE SIZES & FINISHES







1200x1200 MM POLISH | BEYOND



600x1200 MM POLISH | BOLD BEYOND | \*BLISS



LEGACY GREY | POLISH

<sup>\*</sup> In Bliss Arrow effect is available in this shade.





### **LEGACY MARFIL**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISHES AVAILABLE
POLISH | BEYOND |
BOLD | \*BLISS

FACES X 3



\* In Bliss Arrow effect is available in this shade.

#### AVAILABLE SIZES & FINISHES



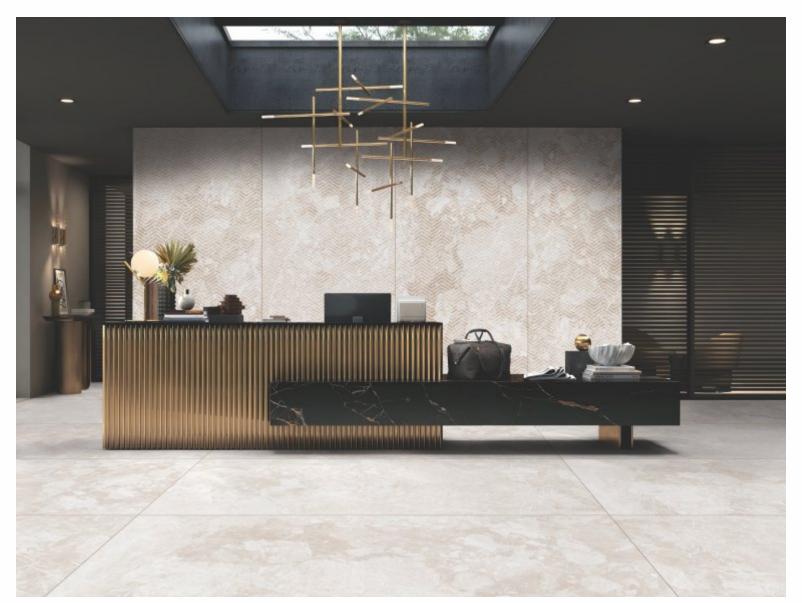
1200x1800 MM POLISH | BOLD | BEYOND



1200x1200 MM POLISH | BEYOND



600x1200 MM POLISH | BOLD BEYOND | \*BLISS



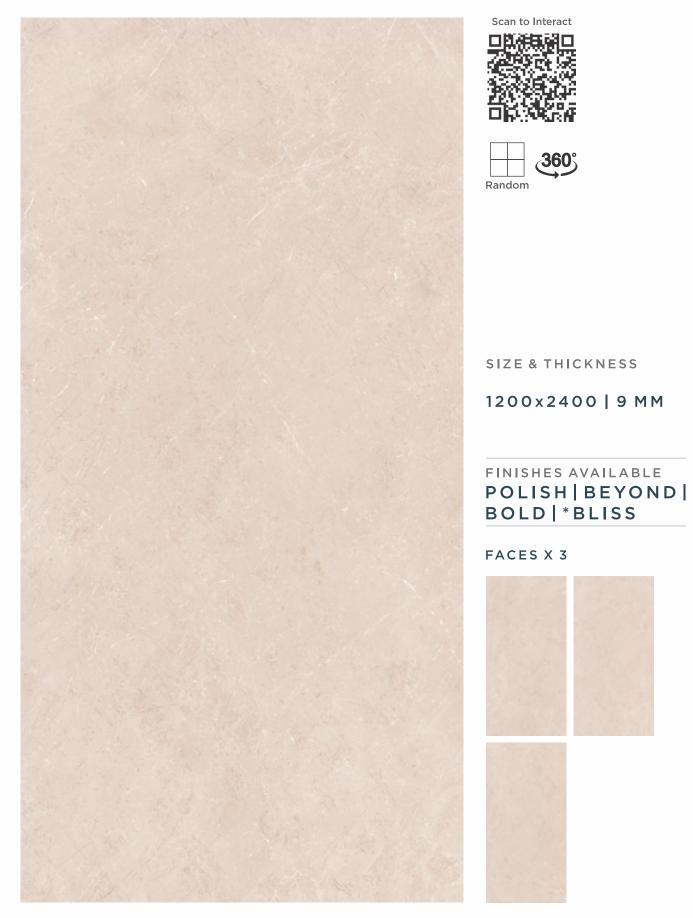
LEGACY MARFIL | BLISS & BEYOND

60





### **GOZZIO BEIGE**



<sup>\*</sup> In Bliss line effect is available in this shade.

#### AVAILABLE SIZES & FINISHES







1200x1200 MM POLISH | BEYOND



600x1200 MM POLISH | BOLD BEYOND | \*BLISS



GOZZIO BEIGE | POLISH & BEYOND

62



### **CARRARA LUXE**



### **CARRARA GOLDEN**



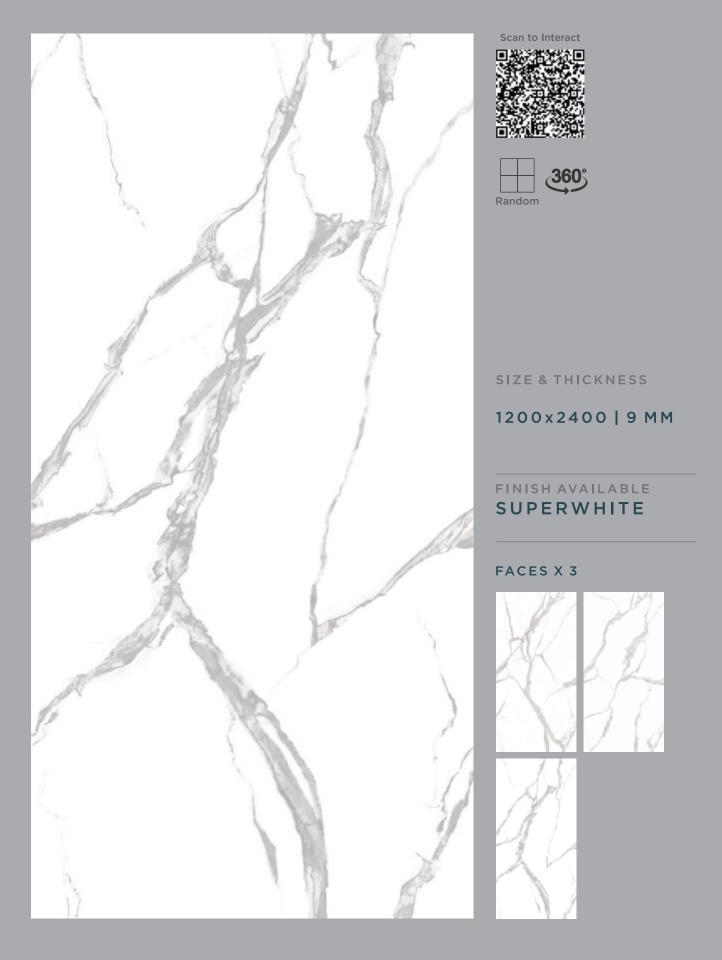
This tile is available in 1200x1200 mm in Superwhite finish

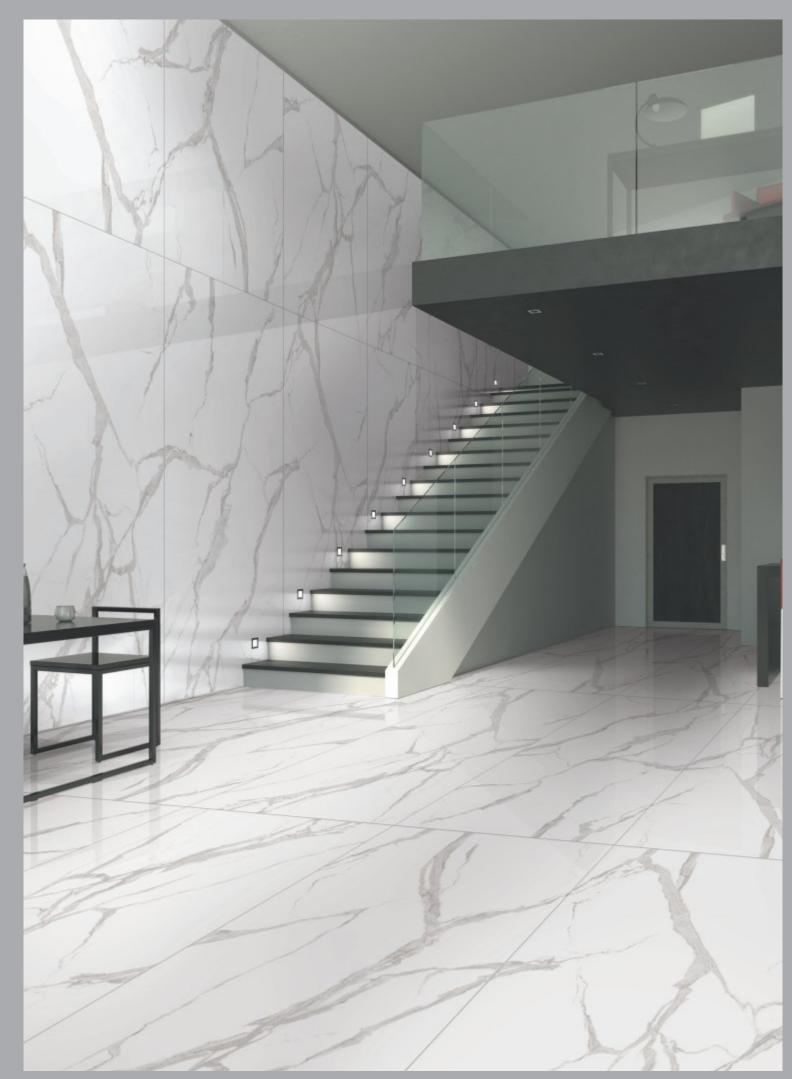






### **STATUARIO**

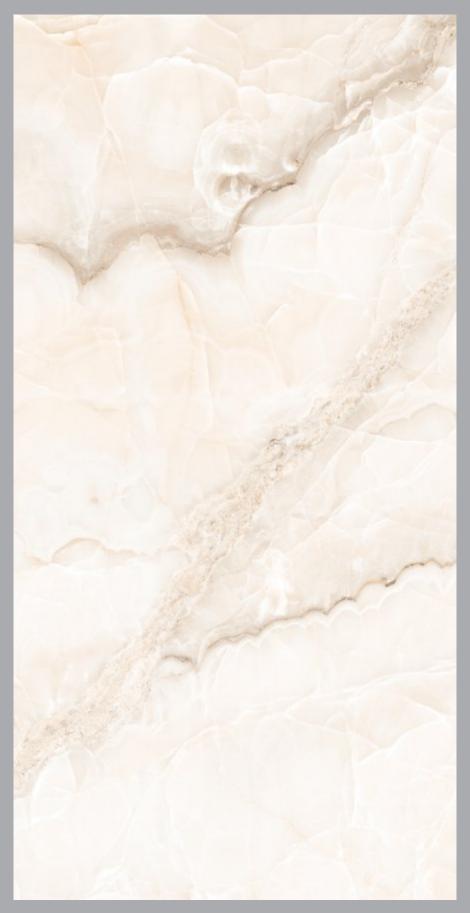




STATUARIO | SUPERWHITE



#### **ONYX BEIGE**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE
SUPERWHITE

FACES X 2



### ONYX BEIGE DECOR







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE SUPERWHITE

FACES X 2









### **ONYX BIANCO**

# ONYX IVORY



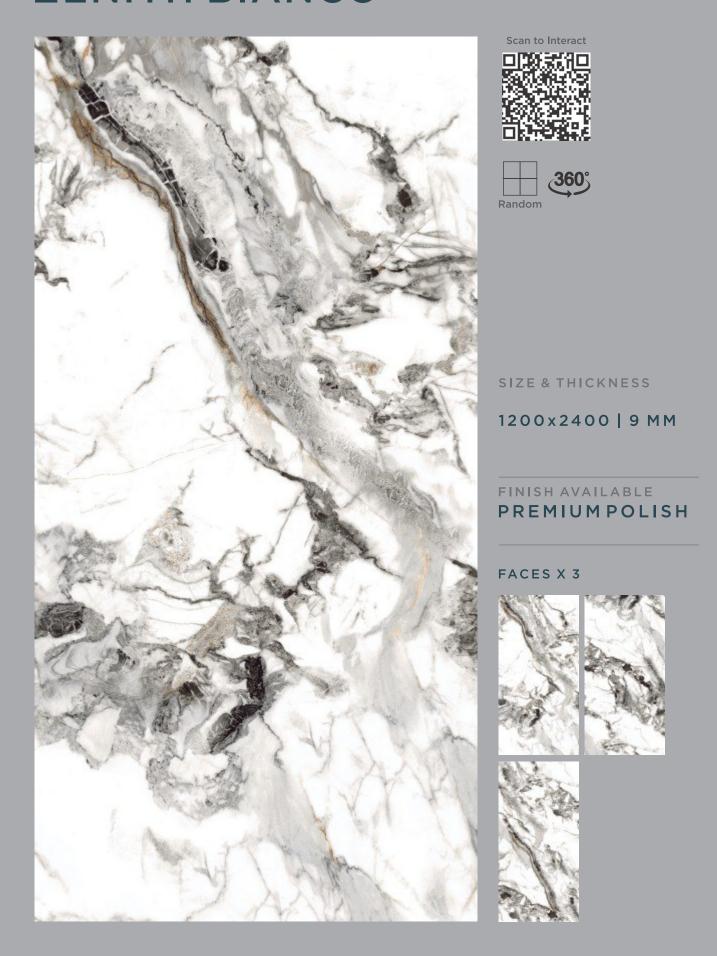








#### **ZENITH BIANCO**





ZENITH BIANCO | PREMIUM POLISH



#### **ADMIRAL BROWN**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE PREMIUMPOLISH

FACES X 3

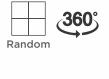




### **LUCIFER BROWN**





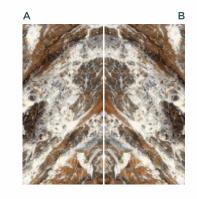


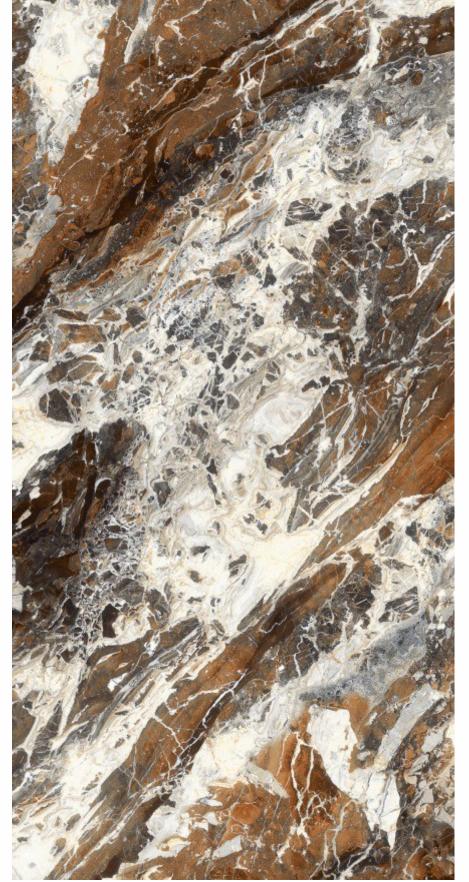
SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE **PREMIUM POLISH** 

BOOK MATCH

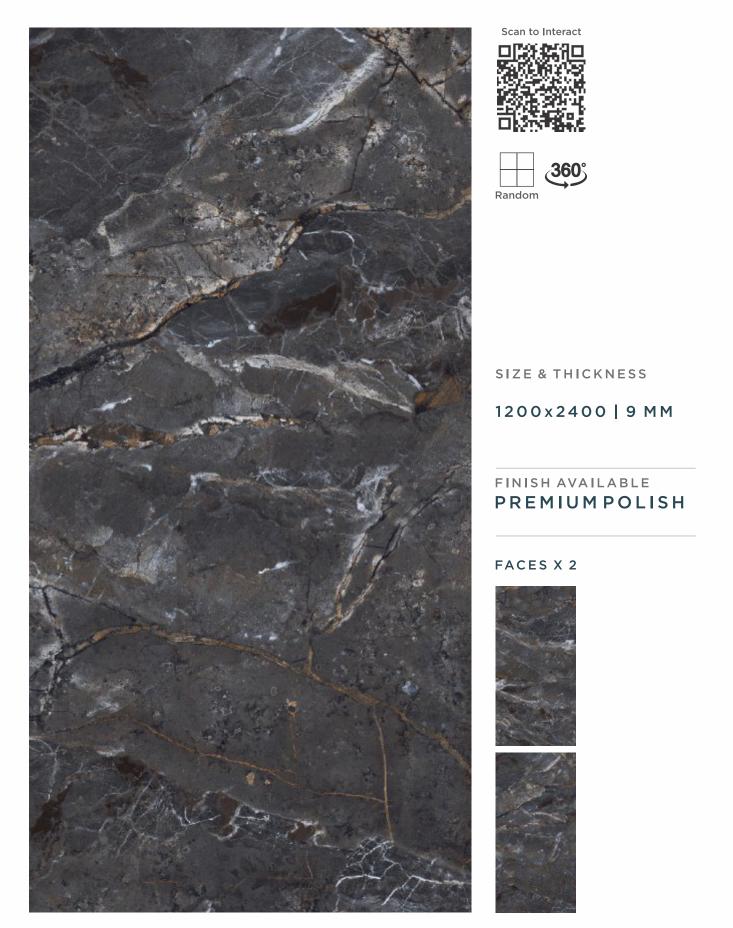






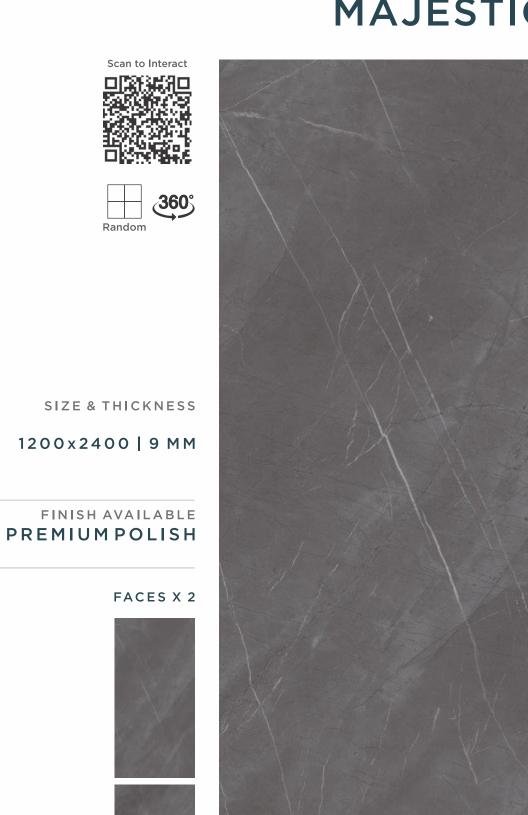


### **QUANTIKO GRIS**



This tile is available in 1200x1800 mm in Premium Polish finish

#### **MAJESTIC GRIS**



This tile is available in 1200x1800 mm in Premium Polish finish





### **MARKINO NERO**



### **CHARCOAL NERO**









1200x2400 | 9 MM

FINISH AVAILABLE PREMIUMPOLISH

FACES X 3



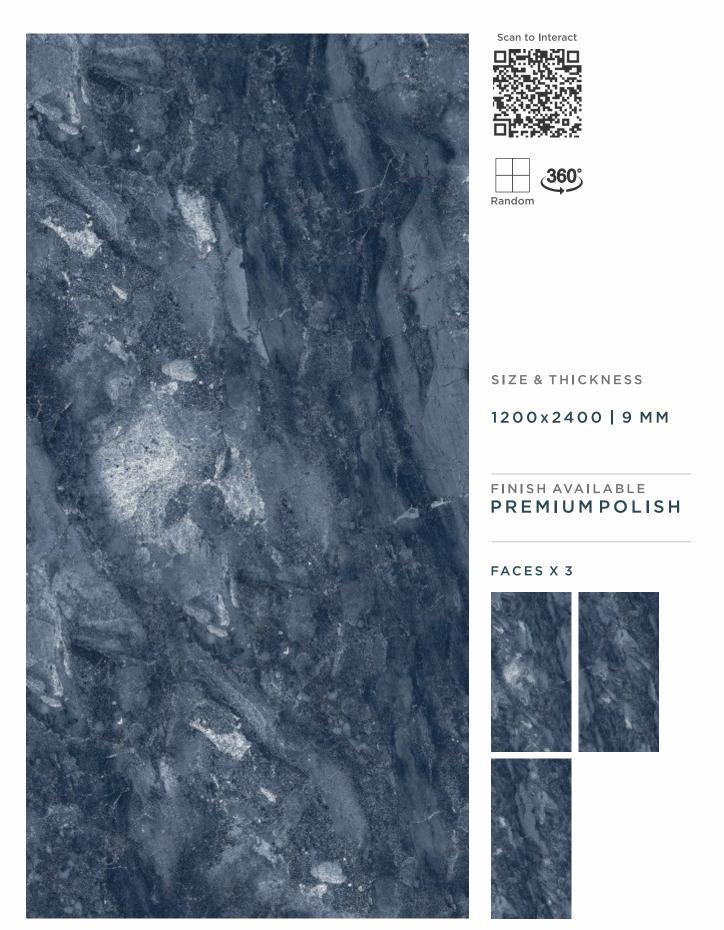








#### **AVENUE AZUL**



This tile is available in 1200x1800 mm in Premium Polish finish

#### **EARLIN AZUL**







FINISH AVAILABLE PREMIUM POLISH

SIZE & THICKNESS

1200x2400 | 9 MM

FACES X 2











#### **ROYAL AZUL**



### **PARADISE AZUL**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE PREMIUMPOLISH

FACES X 3











#### **FUSION VERDE**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE
PREMIUM POLISH

FACES X 2





#### **ONYX TERQUOISE**





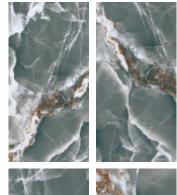


SIZE & THICKNESS

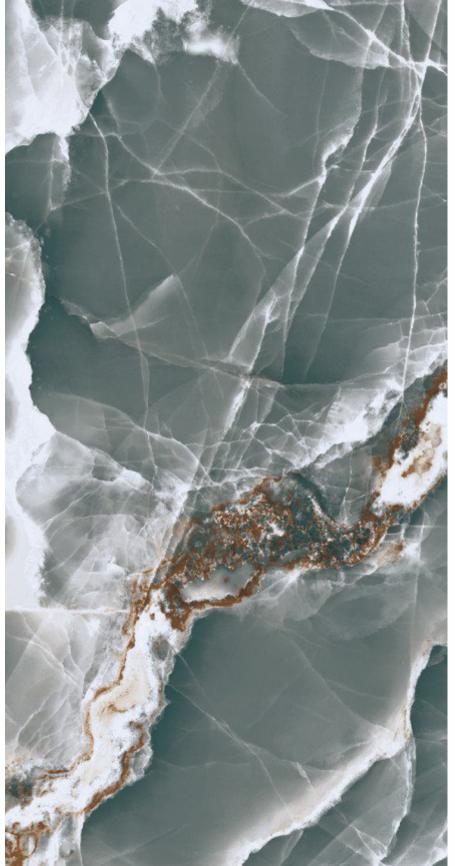
1200x2400 | 9 MM

FINISH AVAILABLE PREMIUM POLISH

FACES X 4











### PANTOGONIA VERDE







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE PREMIUMPOLISH

FACES X 2





#### PIETRA BRONCE







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE PREMIUMPOLISH

FACES X 3











### **ASTONIA GREY**



#### **ARMANI GREY**



This tile is available in 1200x1800 mm in Polish finish







### **BOLVIA GREY**



### **NORDIC GREY**





SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE POLISH

FACES X 2







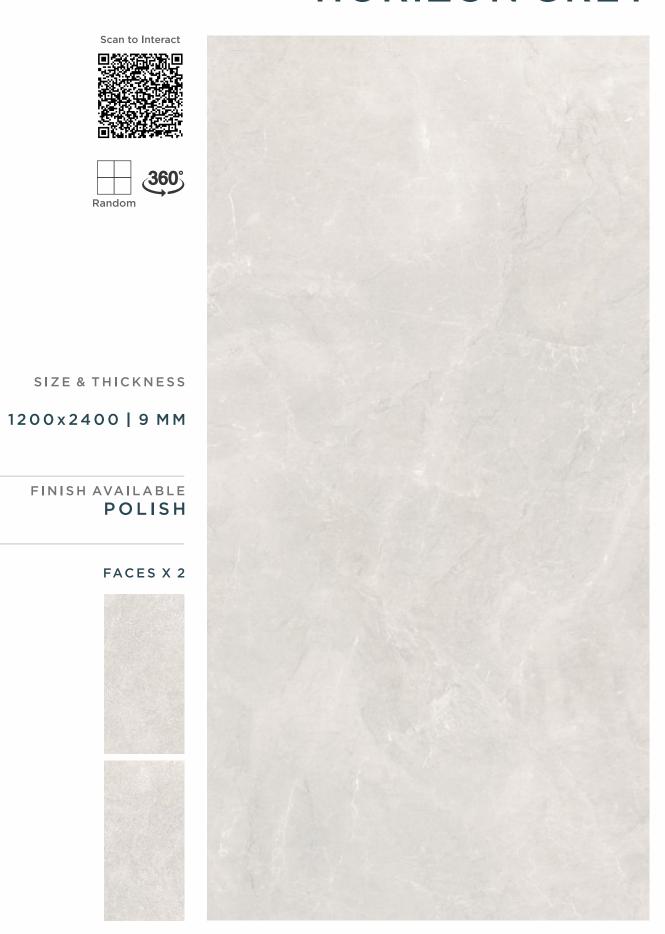




### **GOZZIO GREY**



### **HORIZON GREY**



This tile is available in 1200x1800 mm in Swift Polish finish





# Kajaria INDIA'S NO. 1 TILE COMPANY

# **GOZZIO SILVER**



# **METRO MIST**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE POLISH

FACES X 3













# Kajaria INDIA'S NO. 1 TILE COMPANY

# **TORONTO GREY**







SIZE & THICKNESS

1200x2400 | 9 MM

FINISH AVAILABLE POLISH

FACES X 3





TORONTO GREY | POLISH



# **ASTONIA BEIGE**

# SIZE & THICKNESS 1200x2400 | 9 MM FINISH AVAILABLE POLISH FACES X 3

# **OLIO CREMA**





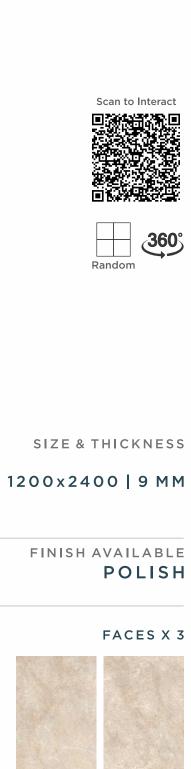


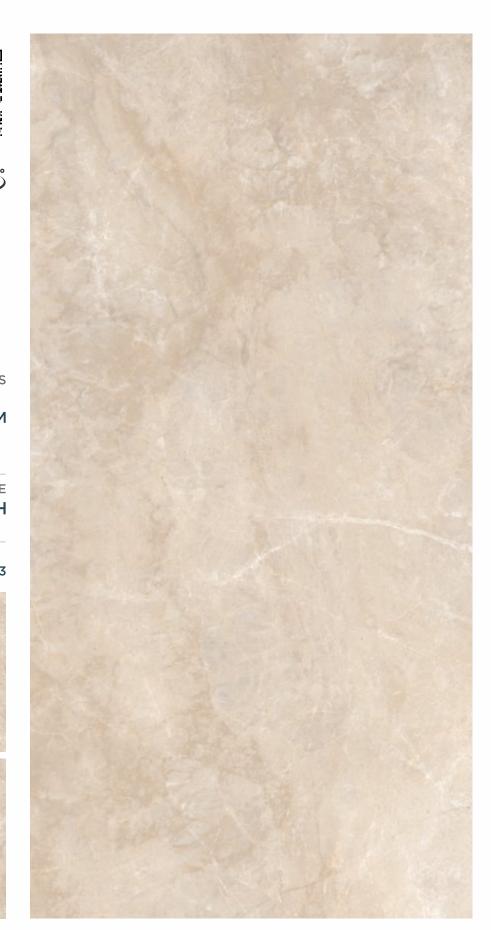
# Kajaria INDIA'S NO. 1 TILE COMPANY

# **BRECCIA AZURE**



# TRIANA CREMA











# **INTEL CREMA**



# **CREMA MARFIL**





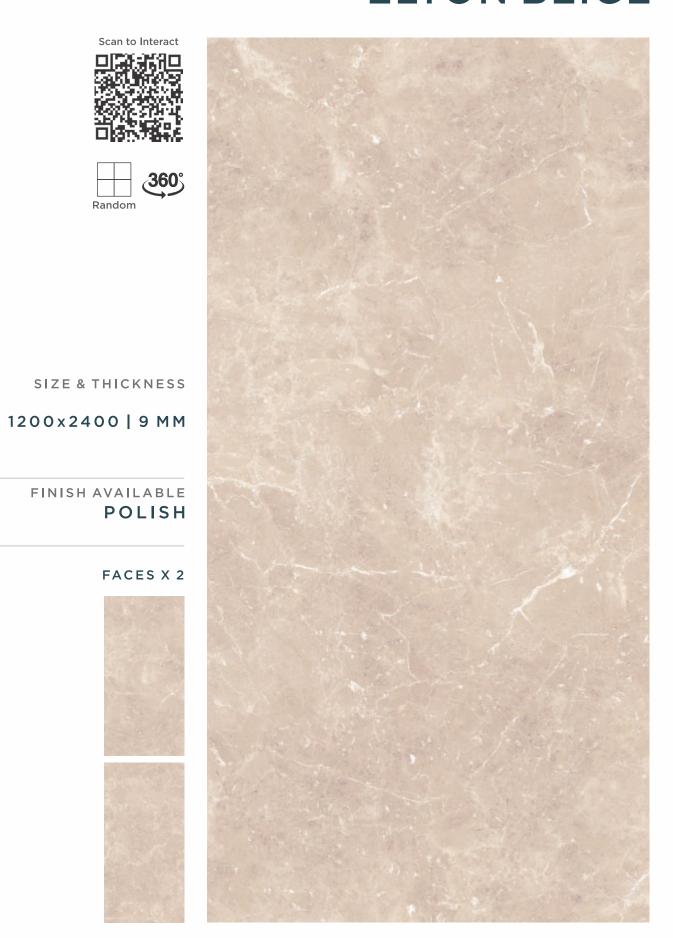




## **ELEGANCE CREMA**



# **ELTON BEIGE**



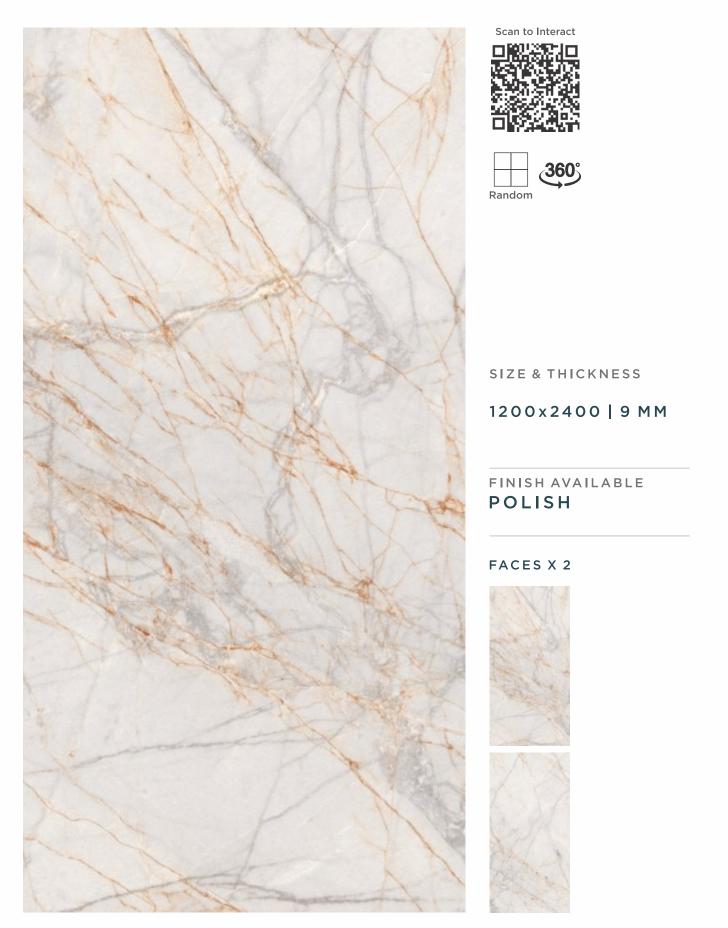
This tile is available in 1200x1800 mm in Swift Polish finish







# **CALACUTTA GRANDE**



This tile is available in 1200x1800 mm in Swift Polish finish

## PRESTIGE MARFIL









# **GENUS MARFIL**

# BOTTOCINO













## **EDEN VERDE**

# SIZE & THICKNESS 1200x2400 | 9 MM FINISH AVAILABLE BLEND FACES X 2

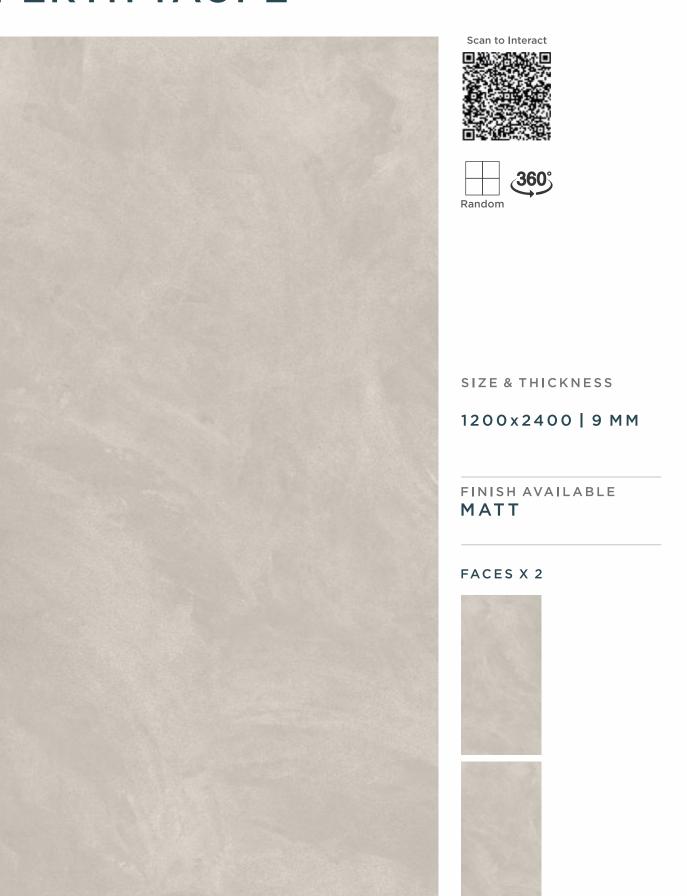








# **PERTH TAUPE**



# **RESINO GREY**









# **RESINO GRIS**





RESINO GRIS | MATT



PREMIUM TILE ADHESIVES



PREMIUM TILE ADHESIVES

# Time to switch

from the Old cement method to Gresbond tile adhesives for a perfect tile finish



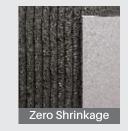
#### **Old Cement Method**







#### **Gresbond Adhesives**







#### **Benefits of using Gresbond Tile Adhesives**



Water Resistant

Resistant

Stains and Seepage



Rapid Surface Readiness in Under 24 Hours



Suitable for Use on All Surfaces\*



Thermal Shock Resistance



Seamless Bond Between Tile and Substrate

# GRÈSBOND

#### **VX-1**

#### FOR INTERNAL FLOORS, WALLS & EXTERNAL FLOORS

#### Features

• For wet & dry area

Highly polymer modified

- Extended open time
- Non-slip adhesive
- Low VOC



#### **EX-5**

#### FOR EXTERNAL WALLS & FLOORS

#### Features

• Formulated for elevations

• For wet & dry area

- Extended open time
- Flexible

• Low VOC



#### LX-7

#### FOR INTERNAL AND EXTERNAL FLOORS & WALLS

#### **Features**

- Formulated for large slabs & stones Extended open time
  - - For vibration area

**Available Colour Shades** 

- Superior bond strength
- Low VOC

#### **Epoxy grouts** for perfect tile finish







#### **Benefits of Epoxy Grouts**





Resistant





Smooth

Finish







Weather

Resistant



Maintenance









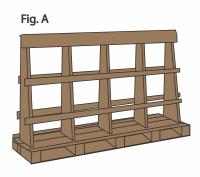


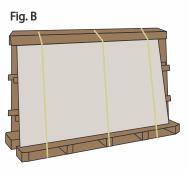




#### TRANSPORTATION, HANDLING AND STORAGE OF ULTIMA SLAB

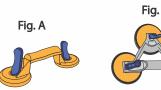
When transporting the Ultima slabs, they must be secured properly to avoid storage problems. If the tiles are transported over a short distance, the Ultima slabs should be kept vertically in the vehicle and at back side of slabs there should be proper packing or ply to avoid breakage. If the tiles are 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.





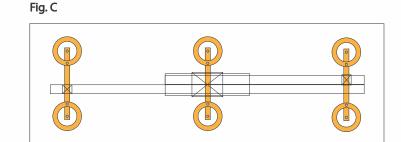
#### MANUAL HANDLING OF ULTIMA SLAB

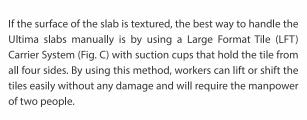
When handling Ultima slabs manually, the primary tool used is the regular suction cup (Fig. A and B). Using these, workers can shift the tiles easily.





e suction cups should be attached to the face of the





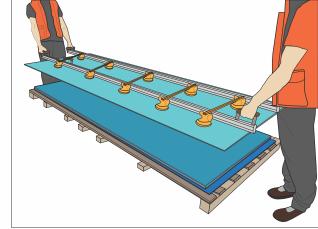


Fig. F

#### **STORAGE**

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



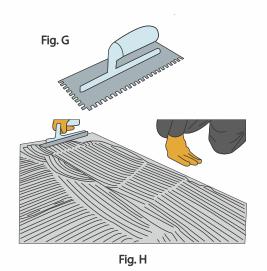
#### **LAYING & FIXING**

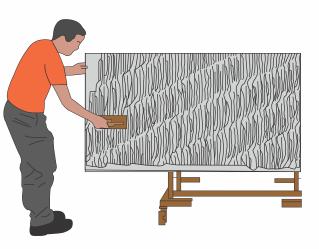
a) The Ultima slabs are very heavy, large-sized, and have sharp edges. So, it is important for the people transporting the tiles to wear protective gear like gloves during transportation. We also recommend the use of double or triple suction cups for a firm grip of the tile while ensuring the safety 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
- 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.

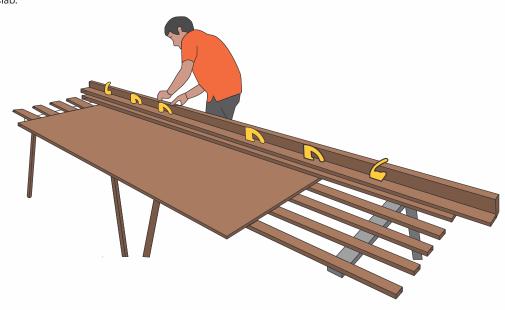


# Notch trowel (5mm to 10mm) Levelling system with plier Surface Vibrator Tiles Closer System Suction Cups Joint scrapper Tile Lifter

#### 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
1200x2400	01	2.88 M <sup>2</sup>
1200x1800	02	4.32 M <sup>2</sup>
1200x1200	02	2.88 M <sup>2</sup>
800x1600	02	2.56 M <sup>2</sup>
600x1200	03	2.16 M <sup>2</sup>

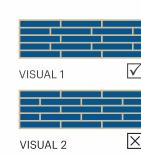
#### TECHNICAL SPECIFICATIONS

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
4.	Deviation in Rectangularity	± 0.1 % ± 0.5 %/± 0.3 %	± 0.10 %	IS 13630-1 EN ISO 10545-2
5.	Deviation in Surface Flatness	± 0.5 % ± 0.5 %/± 0.4 %	± 0.15 %	IS 13630-1 EN ISO 10545-2
6.	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
7.	Modulus of rupture	Avg. 35 N/mm2, individual Min 32 N/mm2	≥ 40 N/mm²	IS 13630-6 / EN ISO 10545-4
8.	Breaking strength	Minimum 1300 N	≥ 2000 N	IS 13630-6 / EN ISO 10545-4
9.	Bulk Density	Minimum 2.20 g/cc	≥ 2.25 g/cc	IS 13630-2
10.	Glossiness	Manufacture to state the class	Min 5 for Rustic/Matt/Satin Finish Min 90 for Polish Finish	Glossimeter 60 degrees
11.	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
12.	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
13.	Thermal expansion from ambient temperature to 100 ° C	Test method available	6x10⁻⁶K⁻¹ Maximum	IS 13630-4 EN ISO 10545-8
14.	Thermal shock resistance	10 cycles Minimum Test method available	10 cycles Minimum	IS 13630-5 EN ISO 10545-9
15.	Moisture expansion	Maximum 0.02 Millimeter/Metre Test method available	- Nil	IS 13630-3 EN ISO 10545-10
16.	Crazing resistance (Glazed Tiles)	Passes 4 cycles at 7.5 kg/cm2 Required	Passes 4 cycles at 7.5 kg/cm <sup>2</sup>	IS 13630-9 EN ISO 10545-11
17.	Frost resistance	Required	100 cycles Minimum	IS 13630-10 EN ISO 10545-12
18.	Resistance to Household Chemicals & Swimming Pool Salts #	Minimum Class AA Minimum GB	Minimum Class AA Minimum GB	IS 13630-8 EN ISO 10545-13
19.	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
20.	Stain resistance**	Minimum Class 1 Minimum Class 3	Minimum Class 1 Minimum Class 3	IS 13630-8 EN ISO 10545-14
21.	Slipperiness	Test method available	≥ R-9 to R-10 for Rustic/Matt/Satin Finish ≥ R-9 for Polish Finish	DIN 51130:2014
22.	Co-efficient of friction	Manufacture to state the class	≥ 0.32 for Rustic/Matt/Satin Finish > 0.20 for Polish Finish	ISO 10545-17
23.	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)
- \*\* Vitrified tiles have resistance to most of the stains / chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.
- \* Applicable in Gailpur plant only.
- 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.



