



THE ART OF CREATING A BALANCED COMPOSITION OF DESIGN, COLOUR & VITALITY.



# ELEVATE YOUR HOME WITH EVERY TILE

One of the cornerstones of Our vision is the constant pursuit of excellence in both process and product, in order to offer the highest quality ceramic tiles to customers and designers. For this we use the most advanced technologies in our fully automated and digitized facilities, combining production performance with respect for the environment and worker safety.

New lifestyles demand new products. Fresh priorities, such as those of the environment inside and outside homes, offices and public buildings, lead to the updating of the models for use of materials."

"Innovation becomes not merely an aim but the underlying motor of a new strategy, a unifying principle that brings together the most change-oriented forces both inside and outside firms.



SUSTANAIBLE DEVELOPMENT WITH OUR COMPANY













- ( RECYCLED
- (↔) LARGE FORMAT
- 100% NATURAL
- UV RESISTANCE
- \*\*\* SHOCK RESISTANCE
- HYGIENIC
- ★ LOW TEMPERATURE RESISTANCE
- HIGH TEMPERATURE RESISTANCE
- \* STAIN REISITANCE



### ADVANTAGE & FEATURES



#### USAGE POSSIBILIIES















#### Versatile Size

Available in the grand size, the collection presents you with a perfect tiling solution to create seamless interiors.



#### Safe & Secure

Non-porous, hygienic, stain and scratch protected, the tiles from this collection are also ice and thermal shock-resistant.



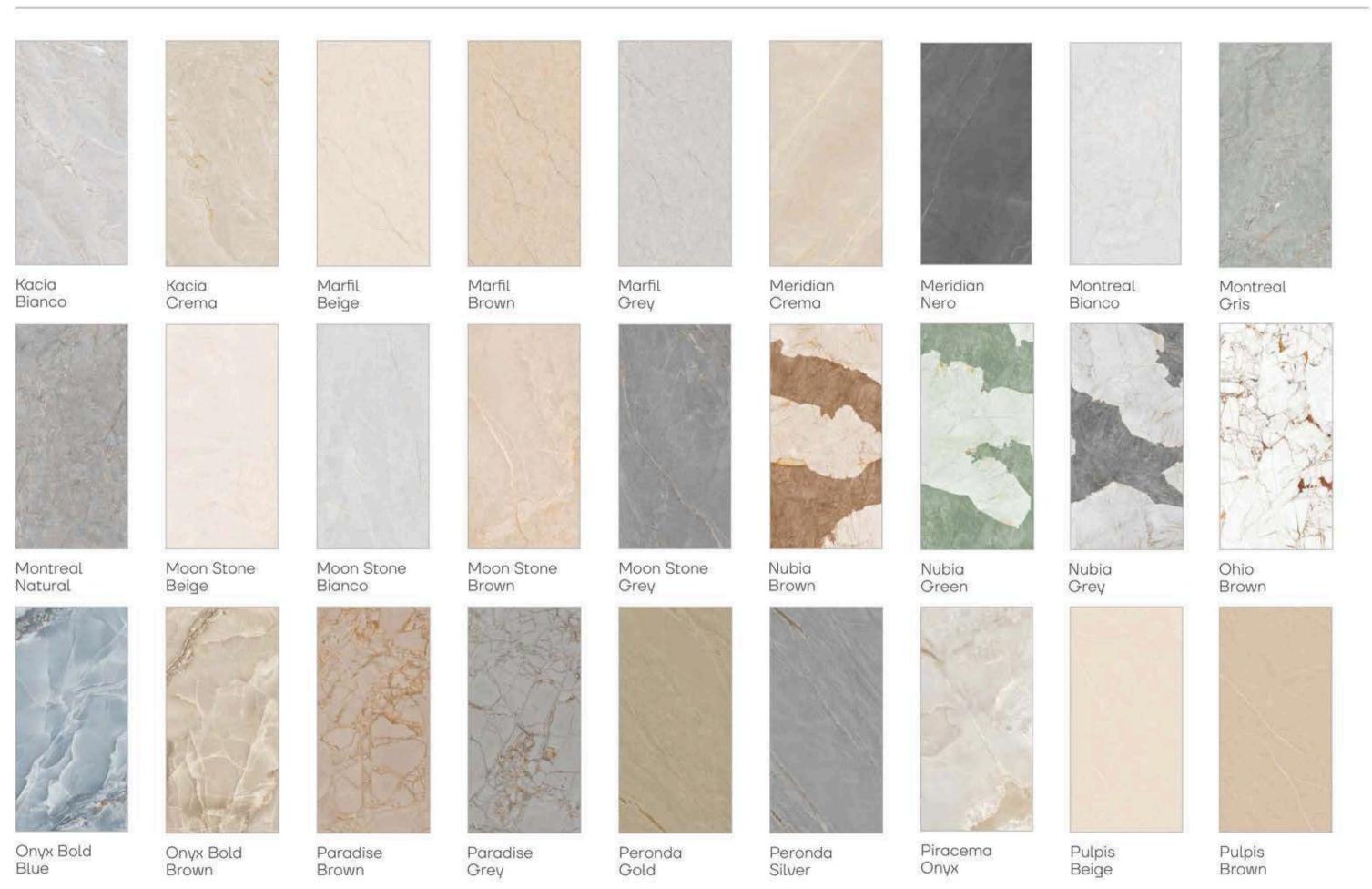
#### Design Varaities

Available across a spectrum of patterns, the collection o?ers variety for all kinds of spaces and preferences.

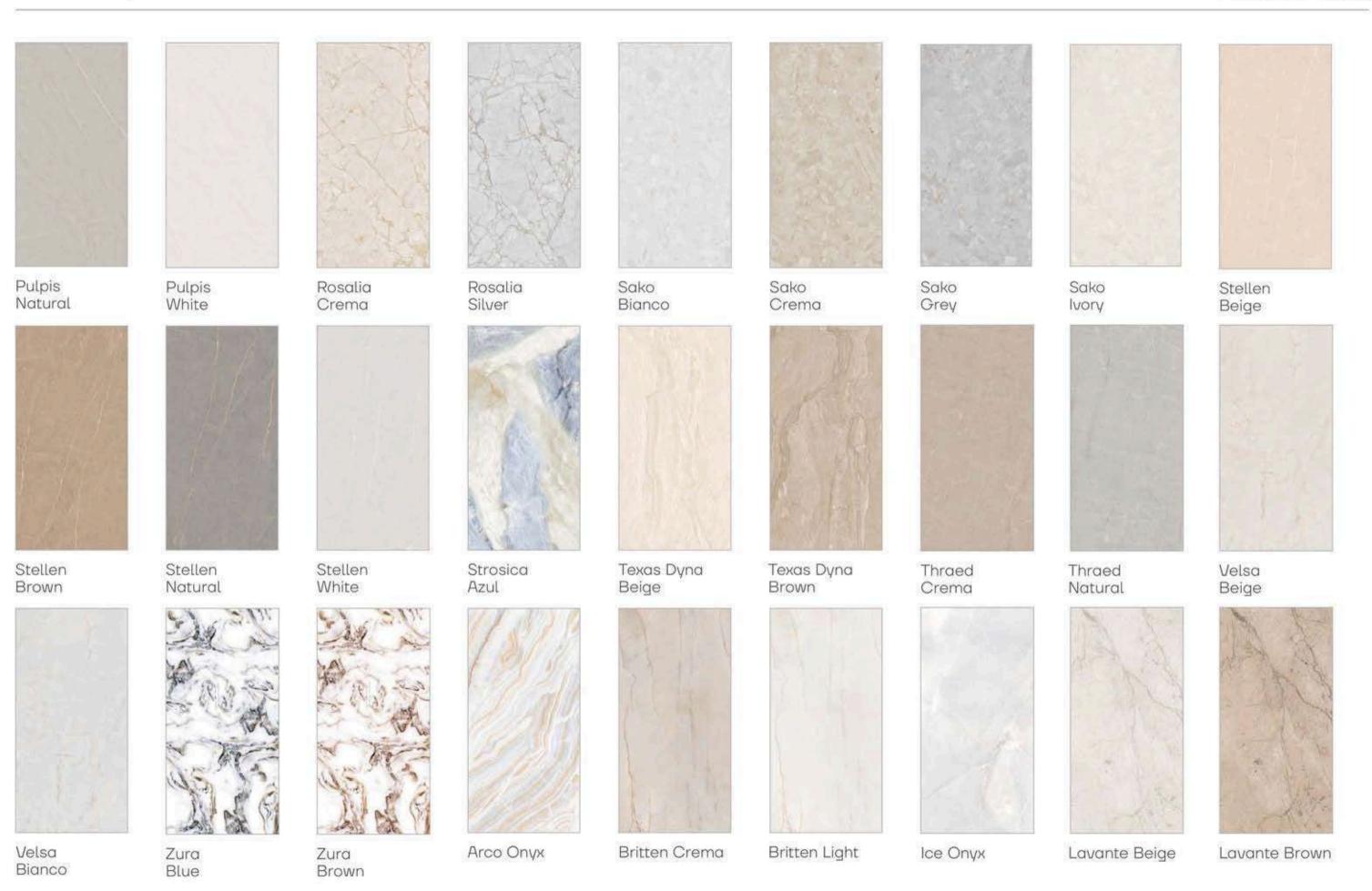


More Sustainable

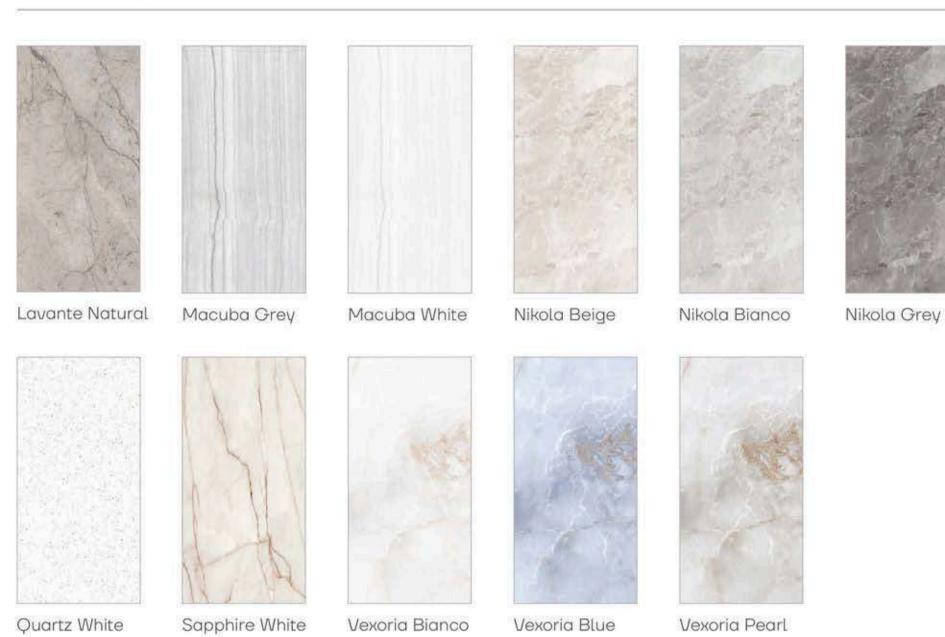
The collection is made from exceptionally durable and recyclable material, giving it an edge with its ecological and ecofriendliness. Finish: Glossy Surface



Finish: Glossy Surface 600x1200mm



600x1200mm Finish: Glossy Surface









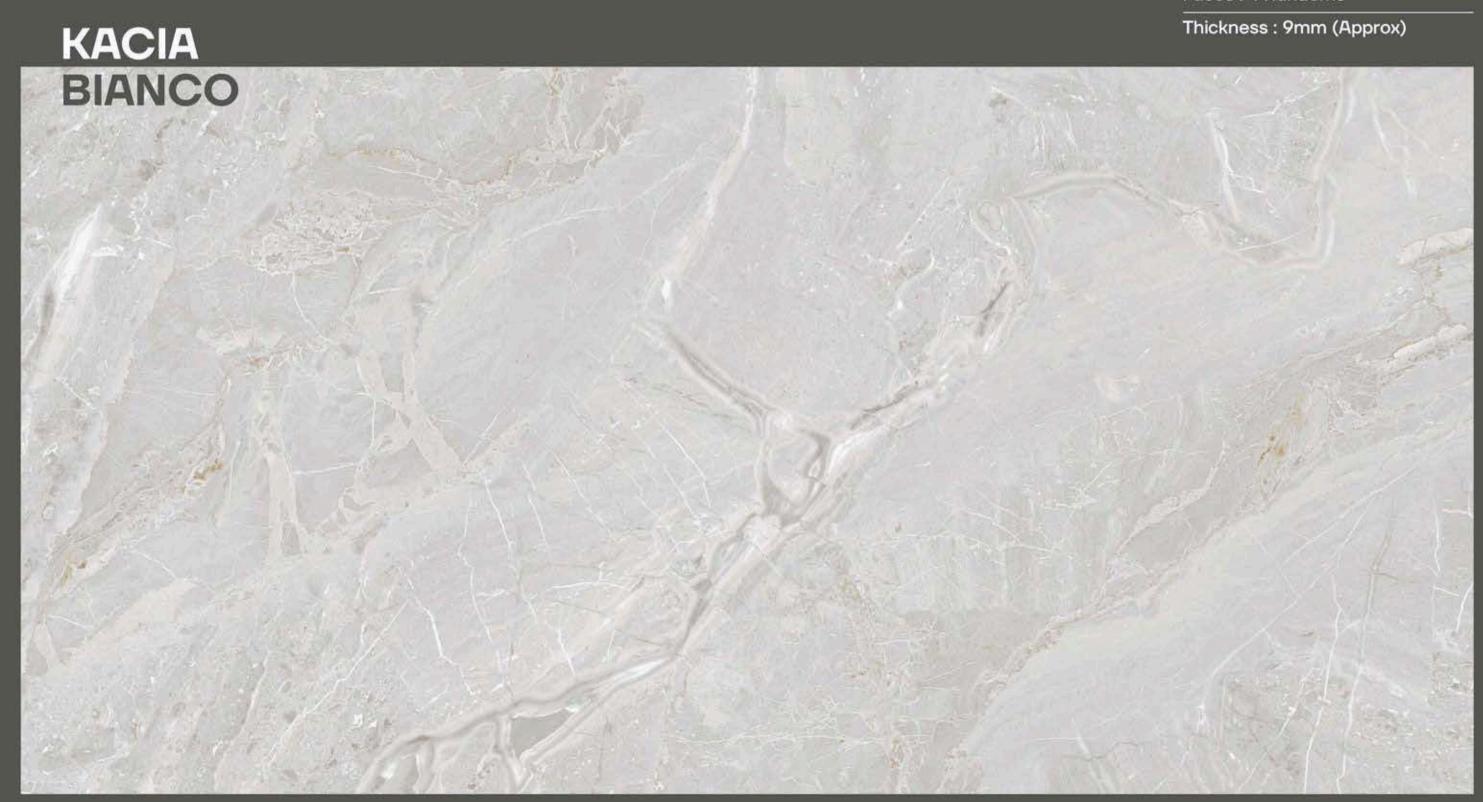






Surface : Glossy

Faces: 4 Randoms



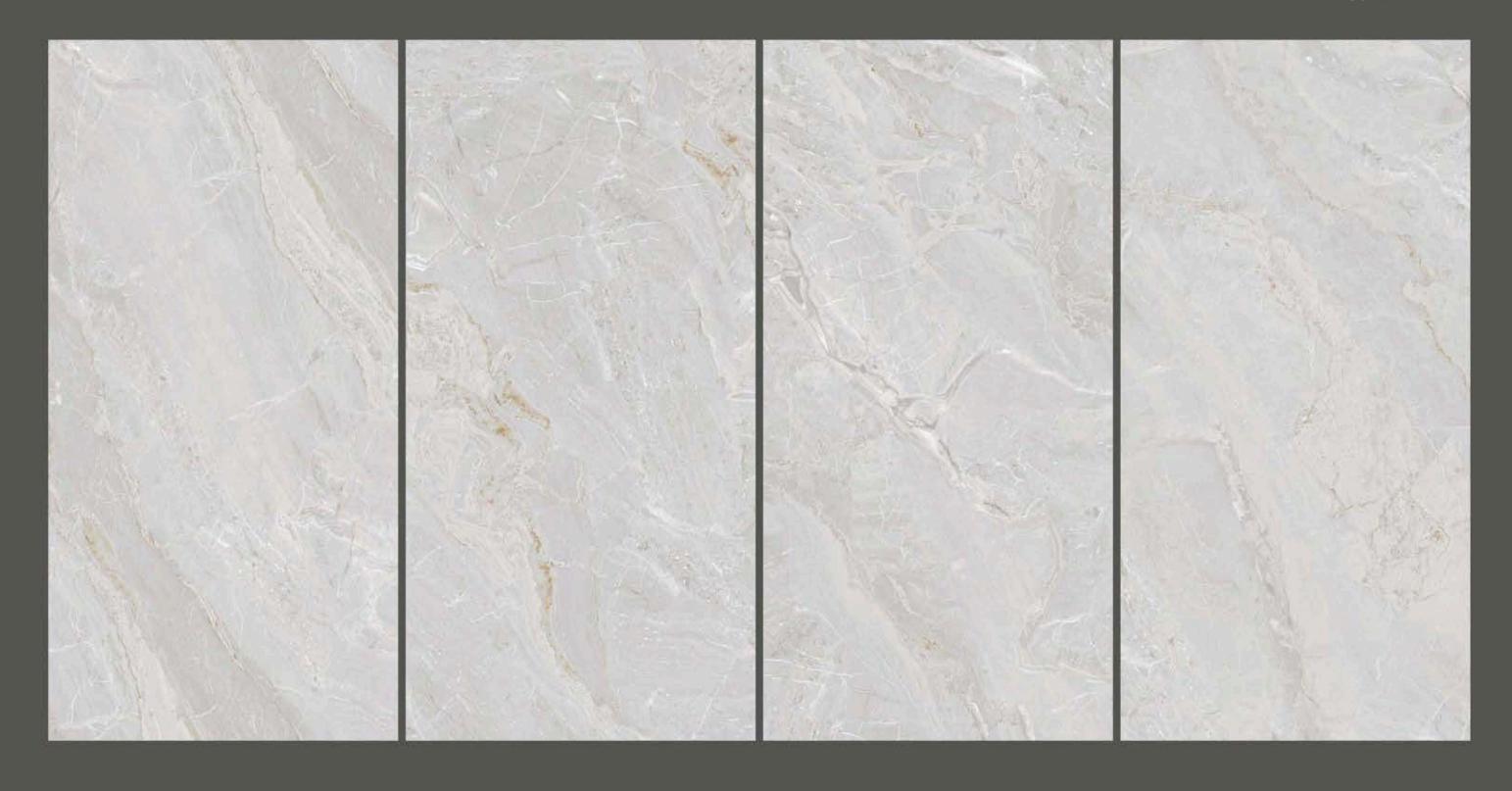


### KACIA **BIANCO**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms







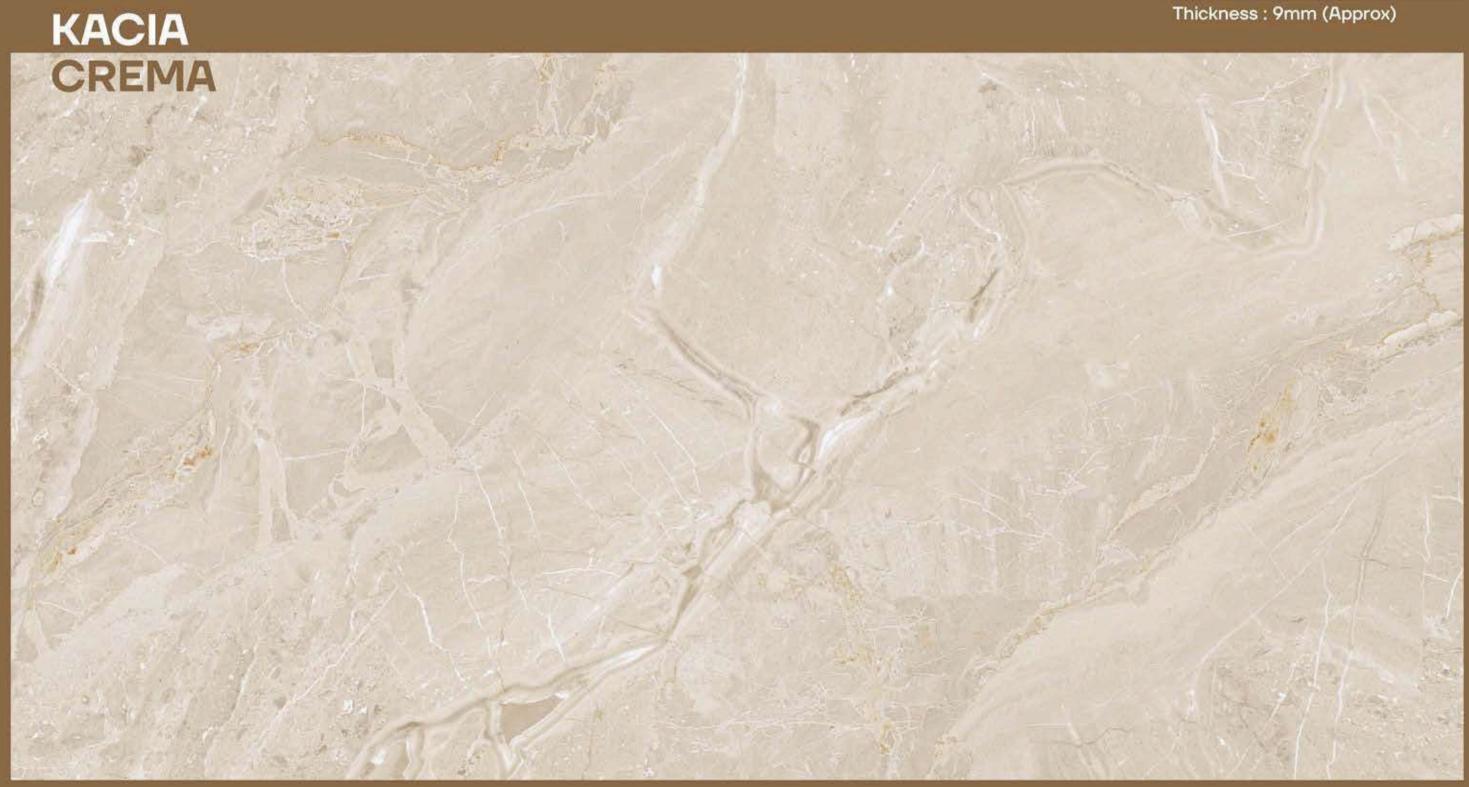




Surface : Glossy

Faces: 4 Randoms







### KACIA CREMA

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

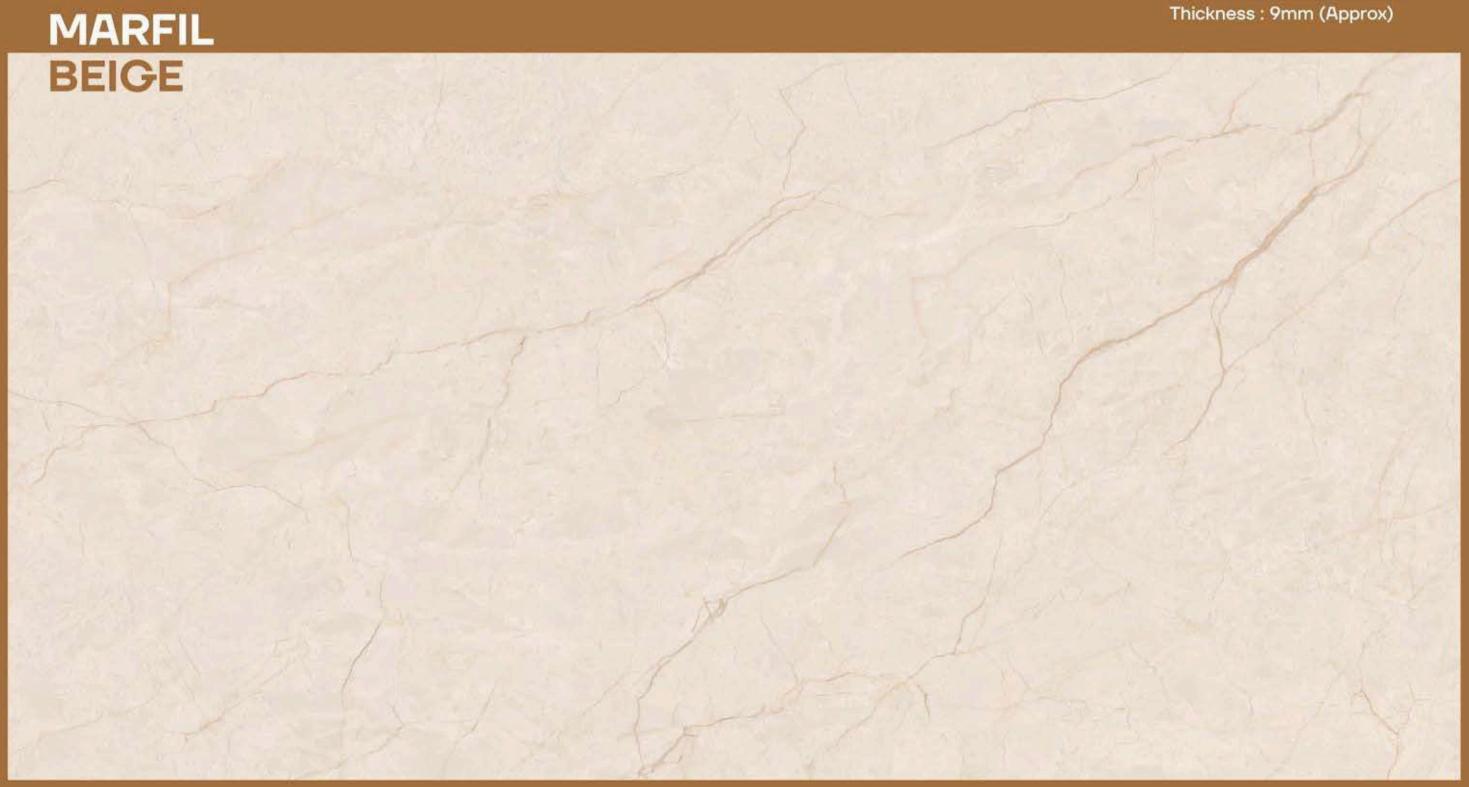




Surface : Glossy

Faces: 4 Randoms







### MARFIL BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### MARFIL BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms

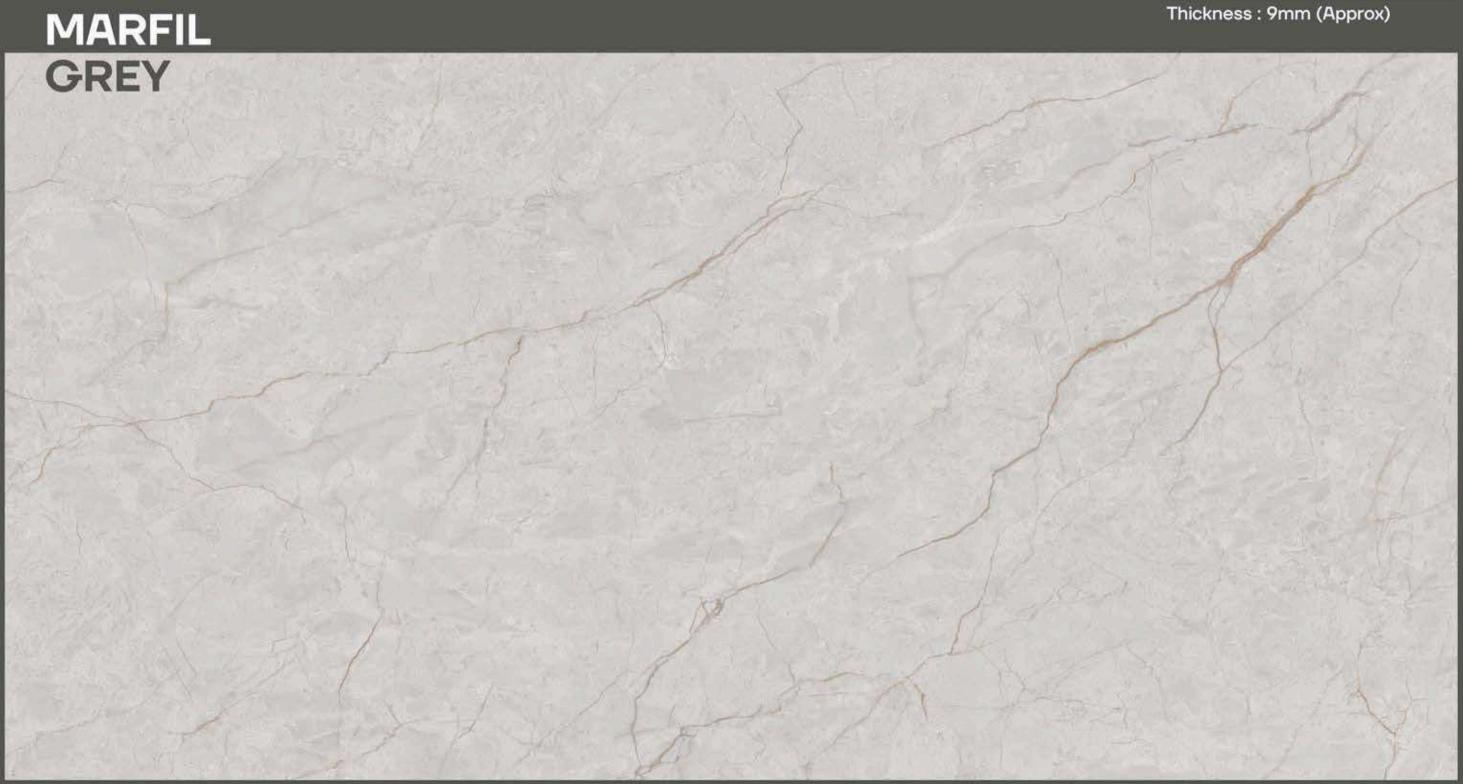




Surface : Glossy

Faces : 4 Randoms







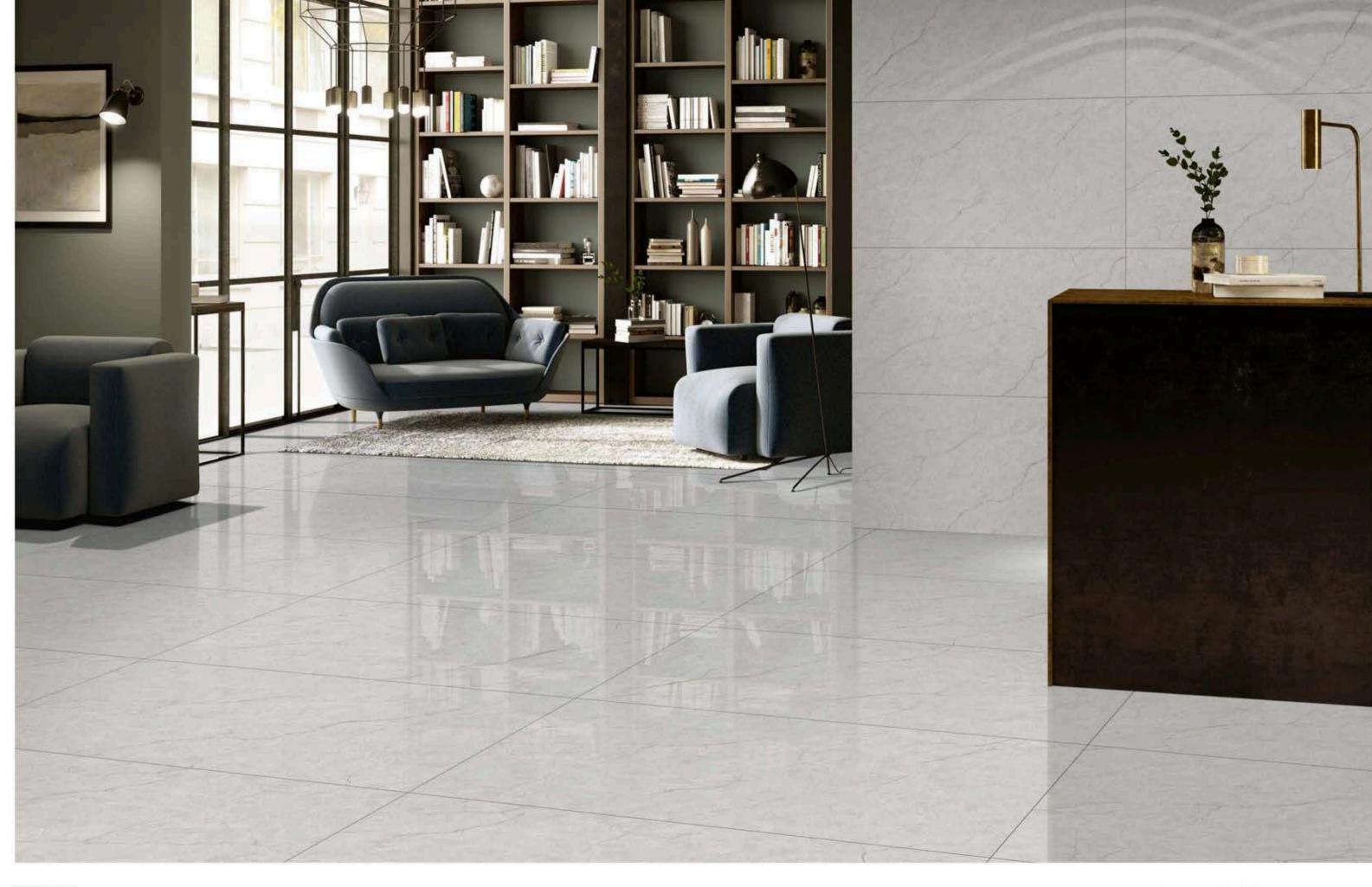
### MARFIL **GREY**

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms







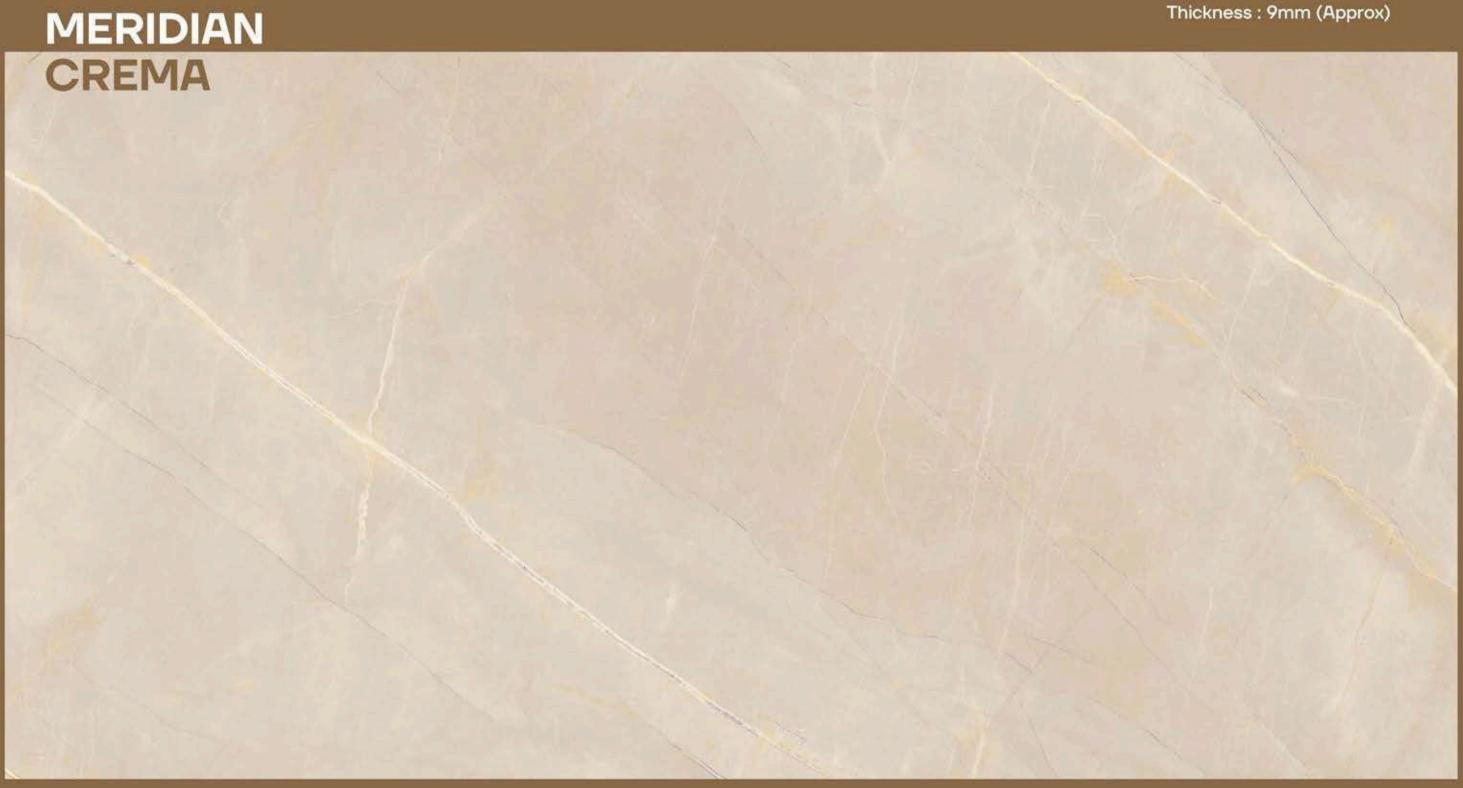




Surface : Glossy

Faces: 4 Randoms







#### MERIDIAN CREMA

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











Surface : Glossy

Faces : 4 Randoms



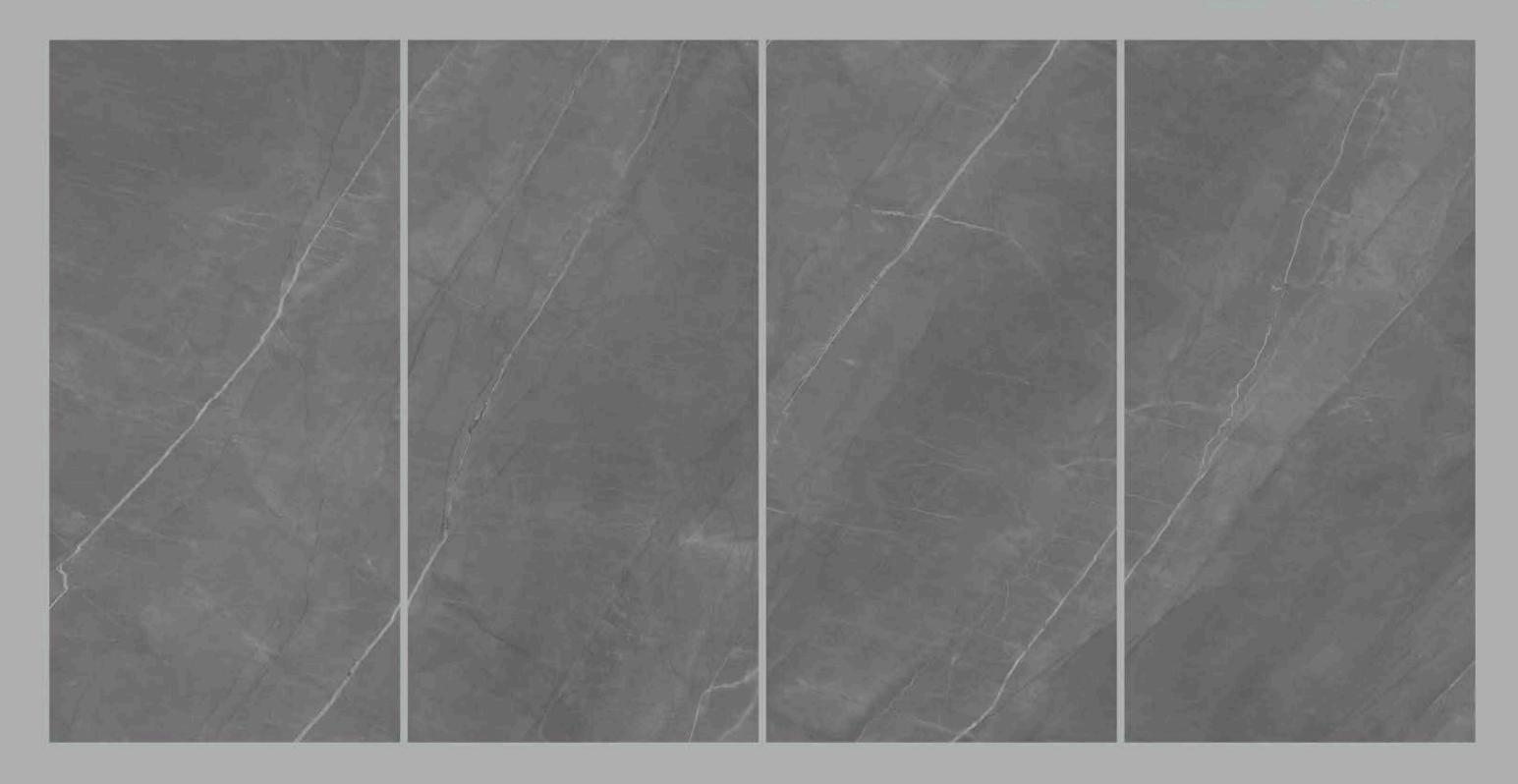


#### MERIDIAN **NERO**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

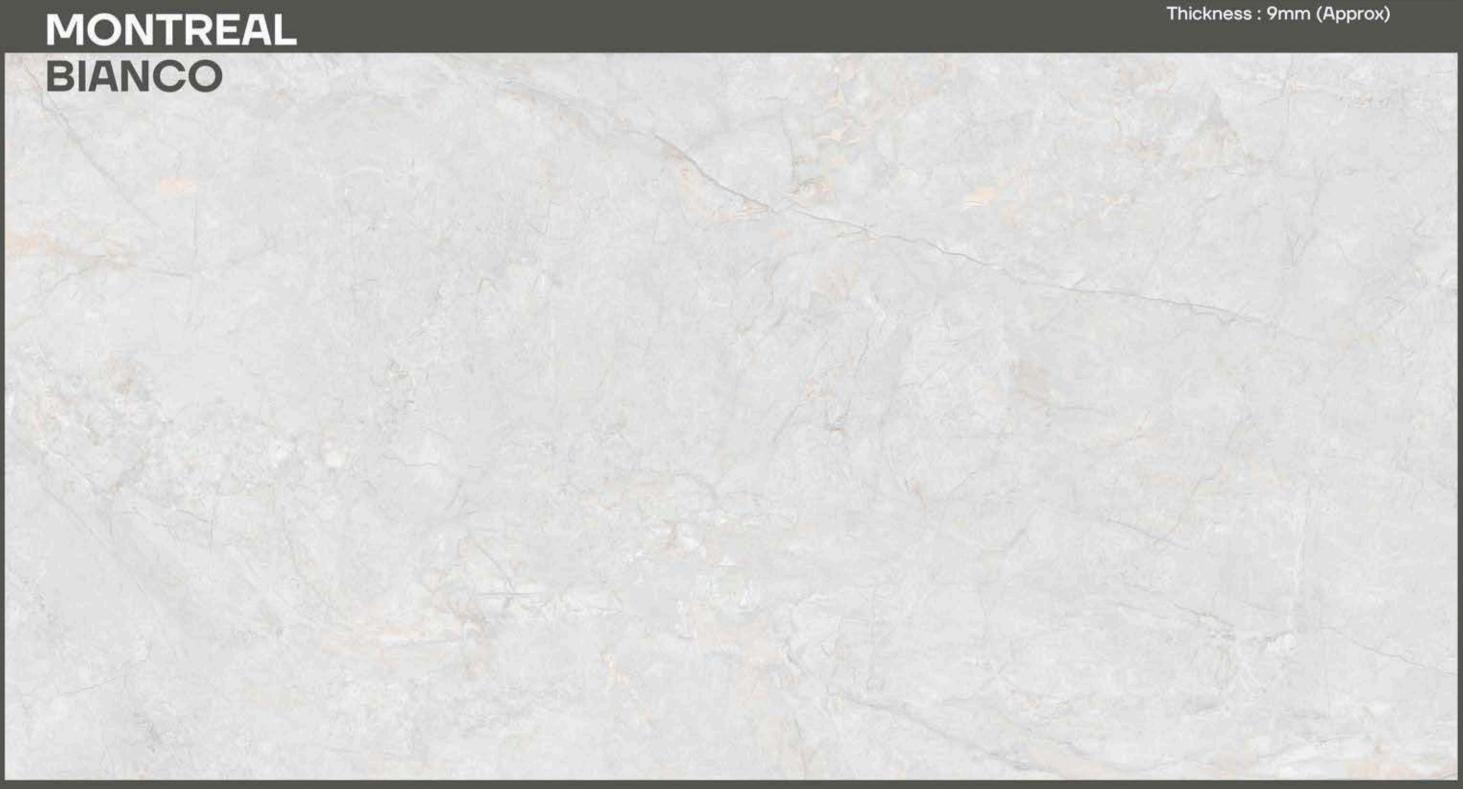




Surface : Glossy

Faces : 4 Randoms





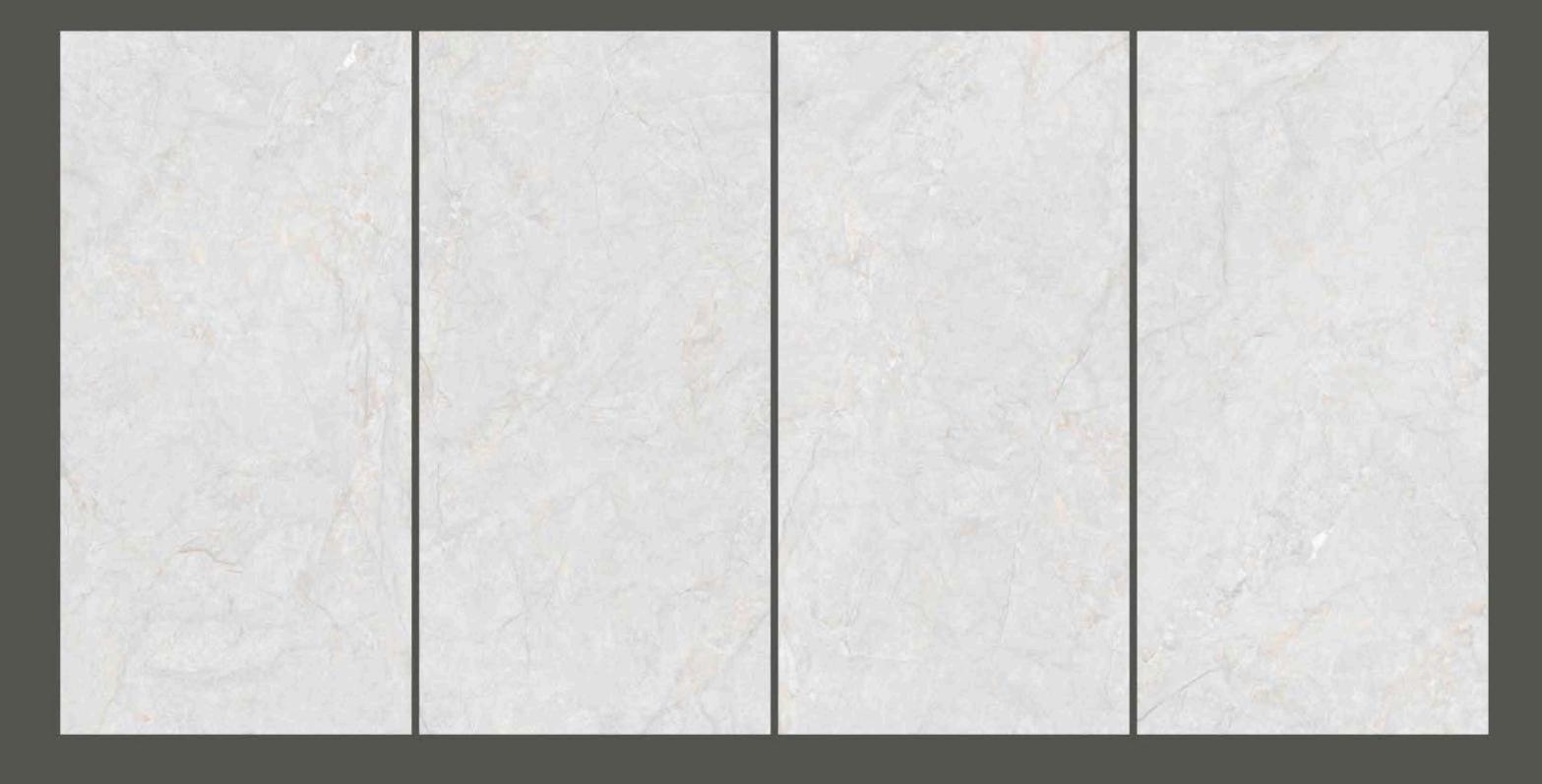


### MONTREAL BIANCO

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





# MONTREAL GRIS

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms







# MONTREAL **NATURAL**

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





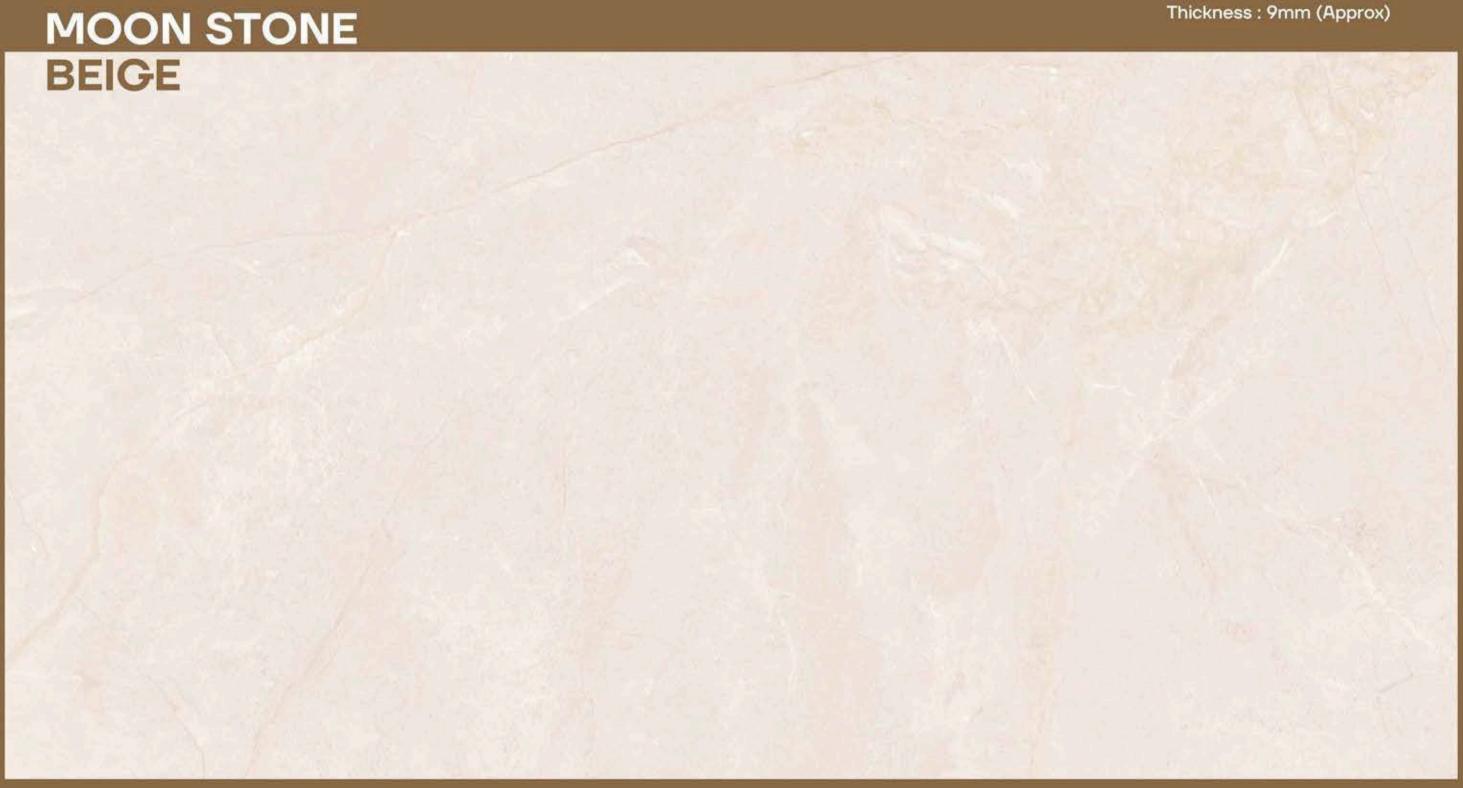






Surface : Glossy

Faces: 4 Randoms





## MOON STONE BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





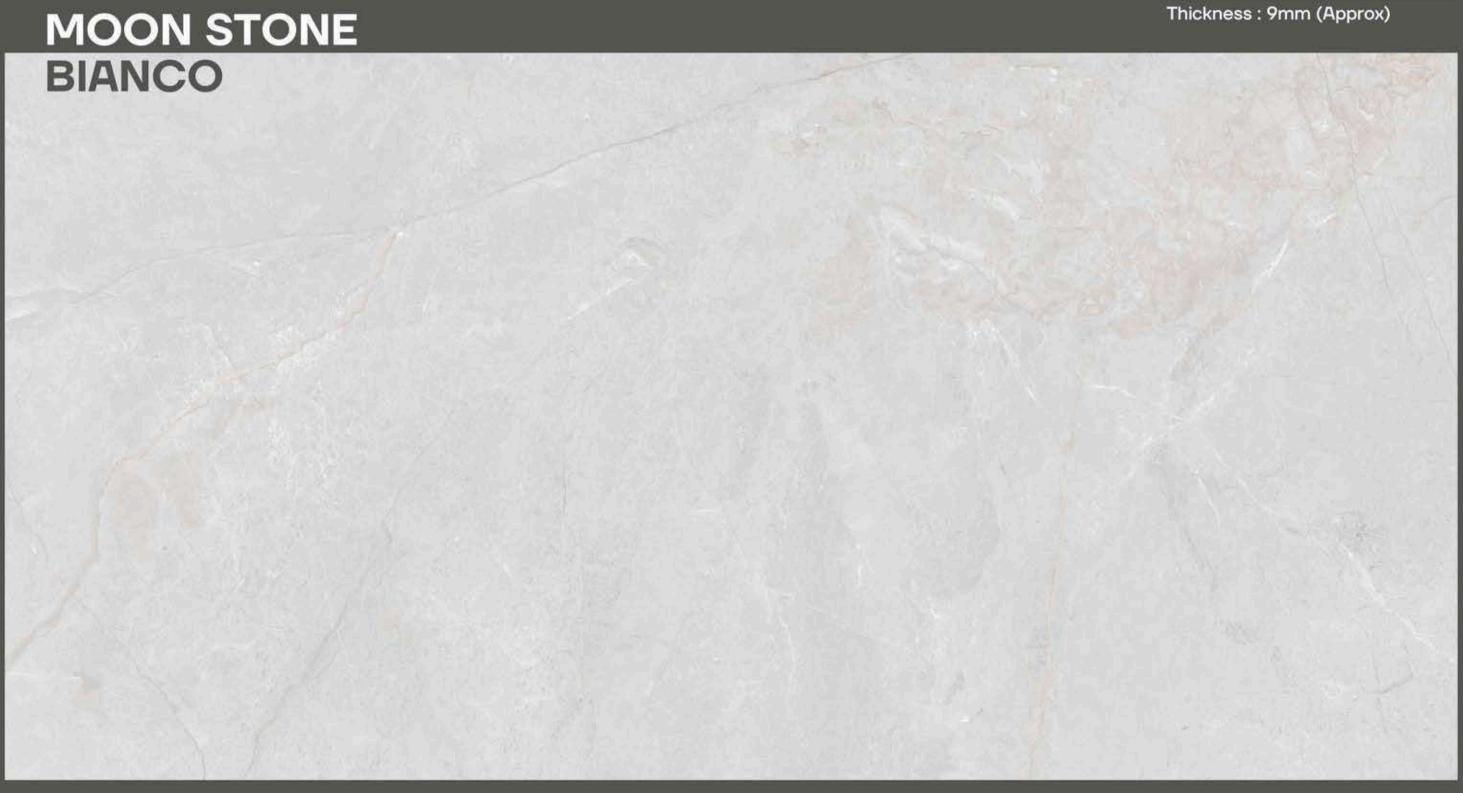
DESIGN: MOON STONE BEIGE





Surface : Glossy

Faces: 4 Randoms





# MOON STONE BIANCO

Size: 600x1200mm | 60x120cm

Surface : Glossy

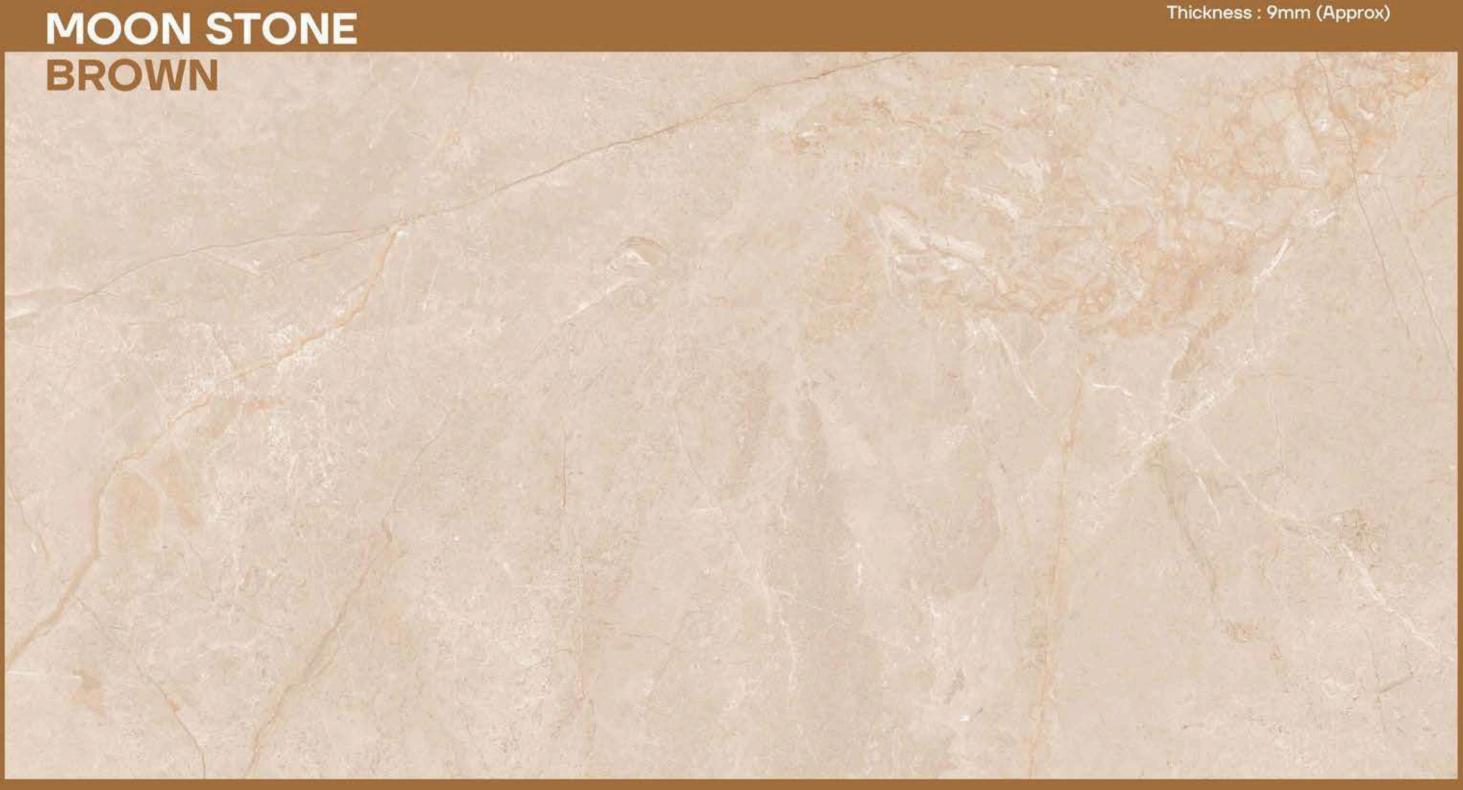
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





# MOON STONE BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





# MOON STONE GREY

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms











Surface : Glossy

Faces: 4 Randoms





### NUBIA **BROWN**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms







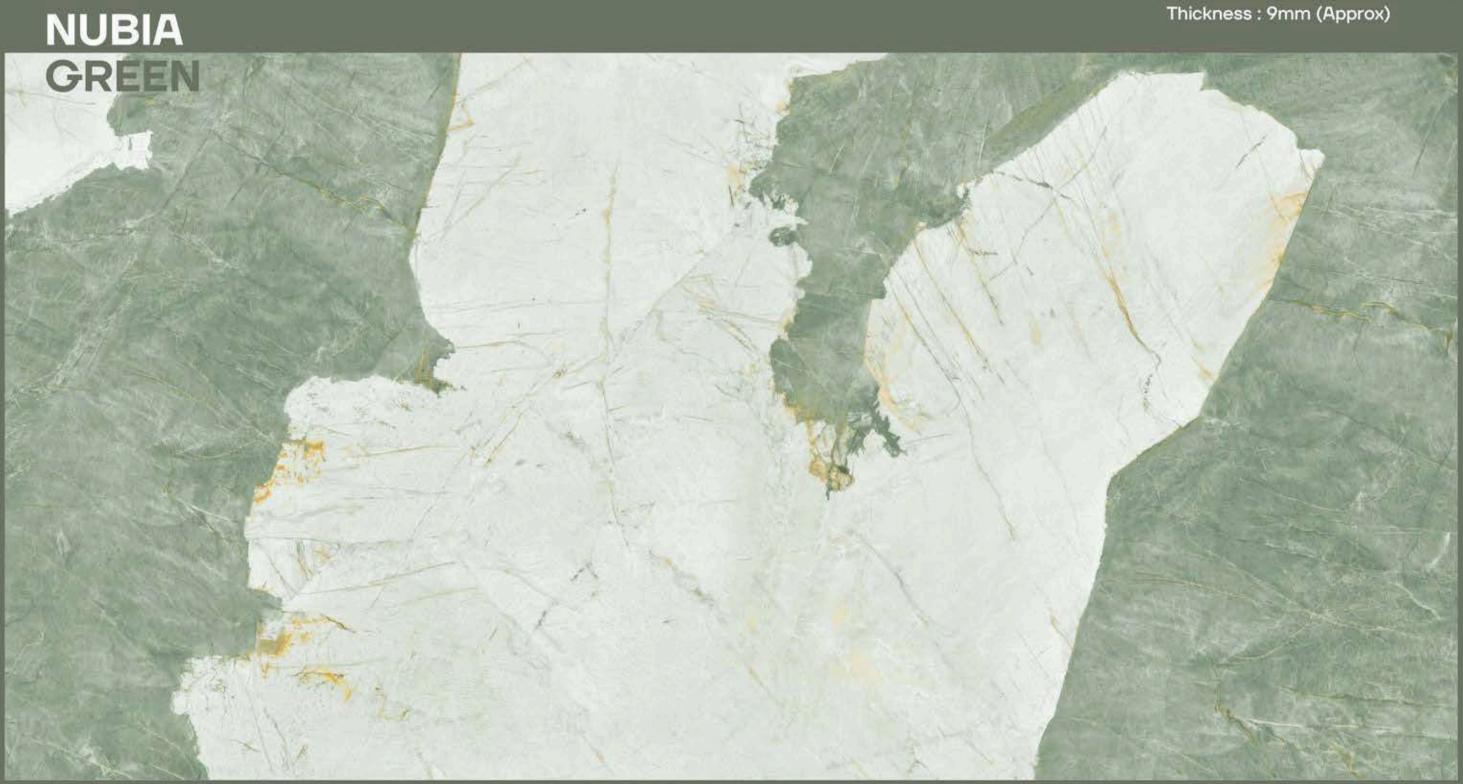




Surface : Glossy

Faces: 4 Randoms







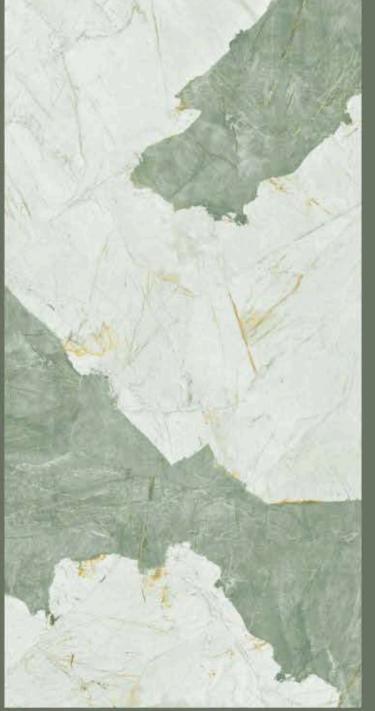
### NUBIA **GREEN**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

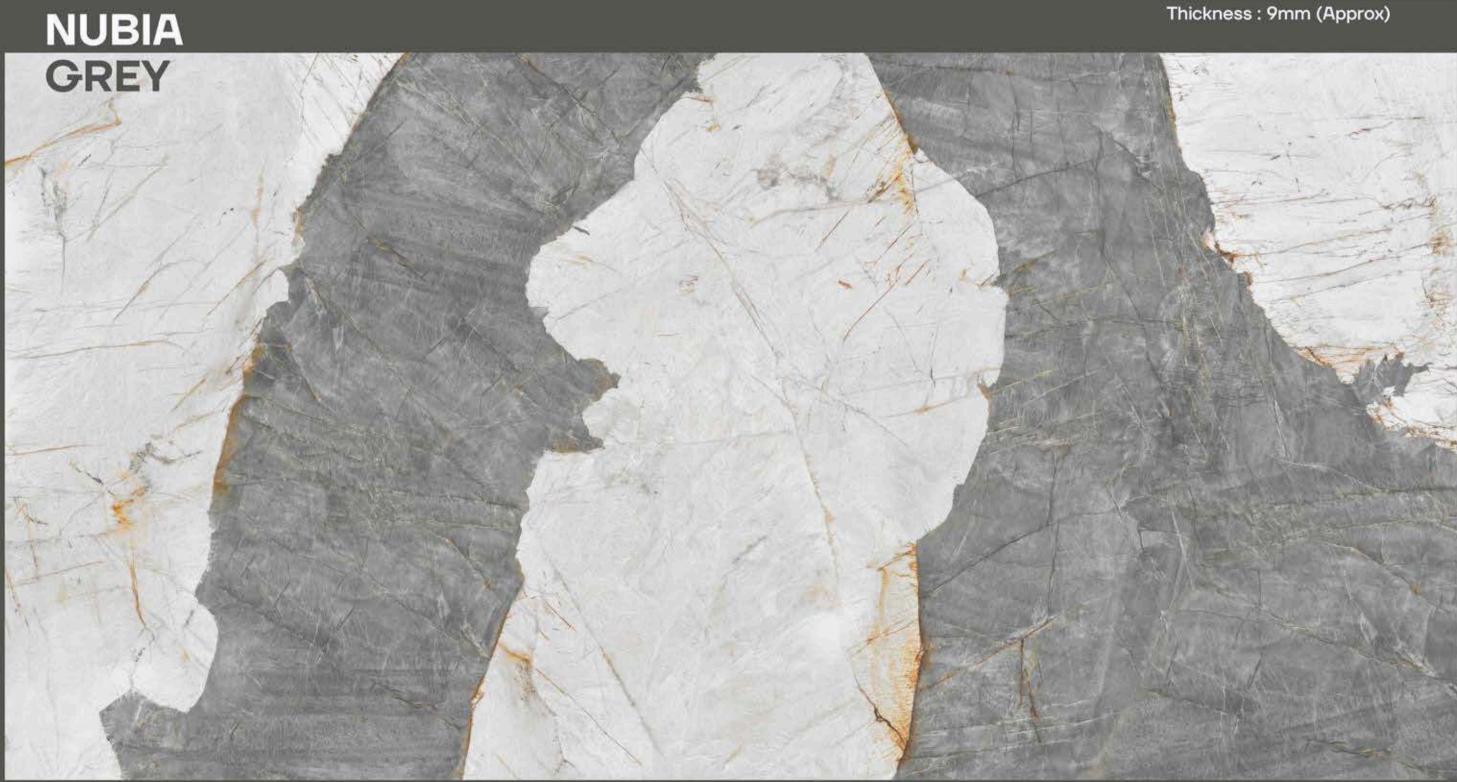






Surface : Glossy

Faces : 4 Randoms





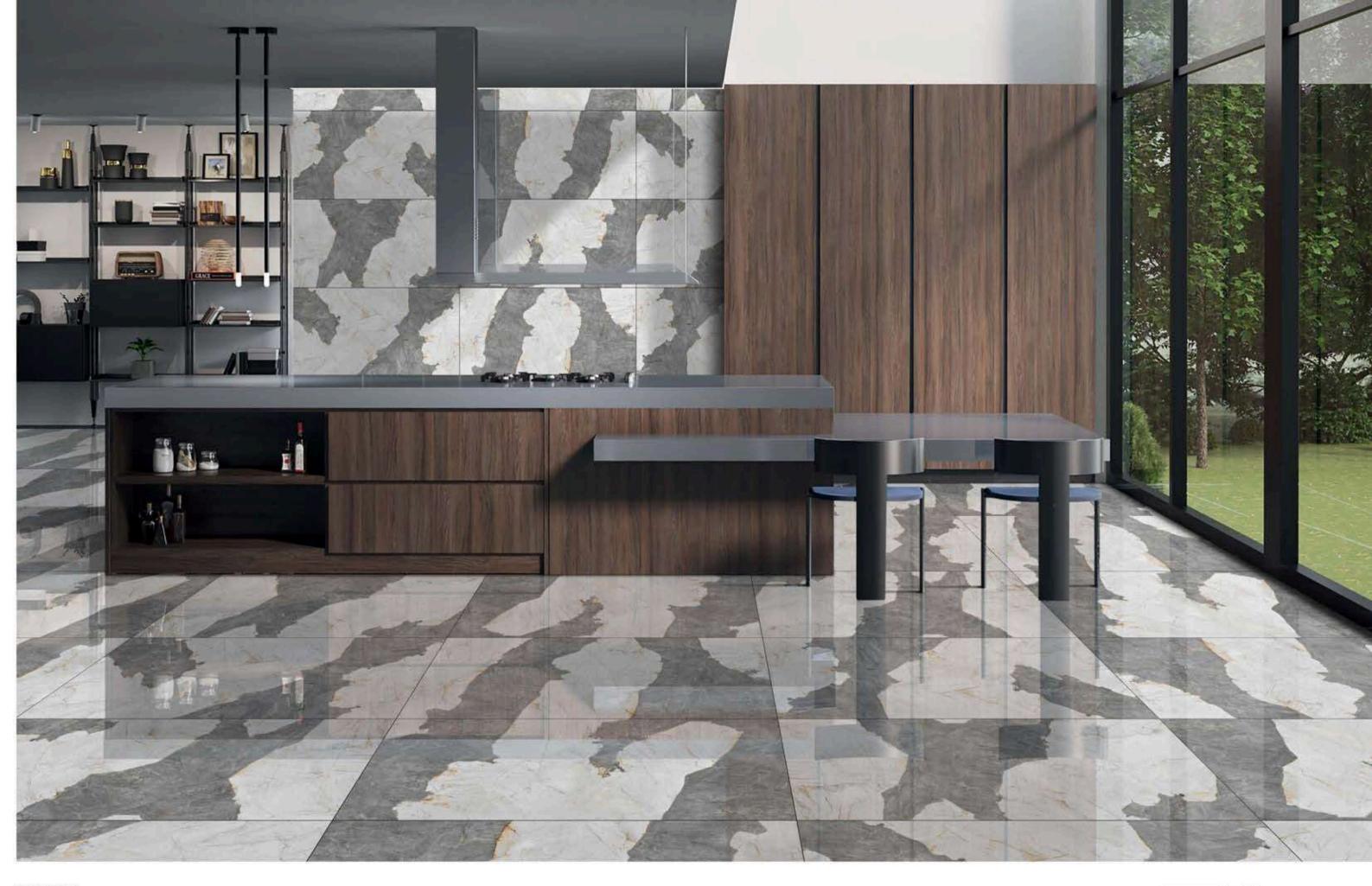
## NUBIA **GREY**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





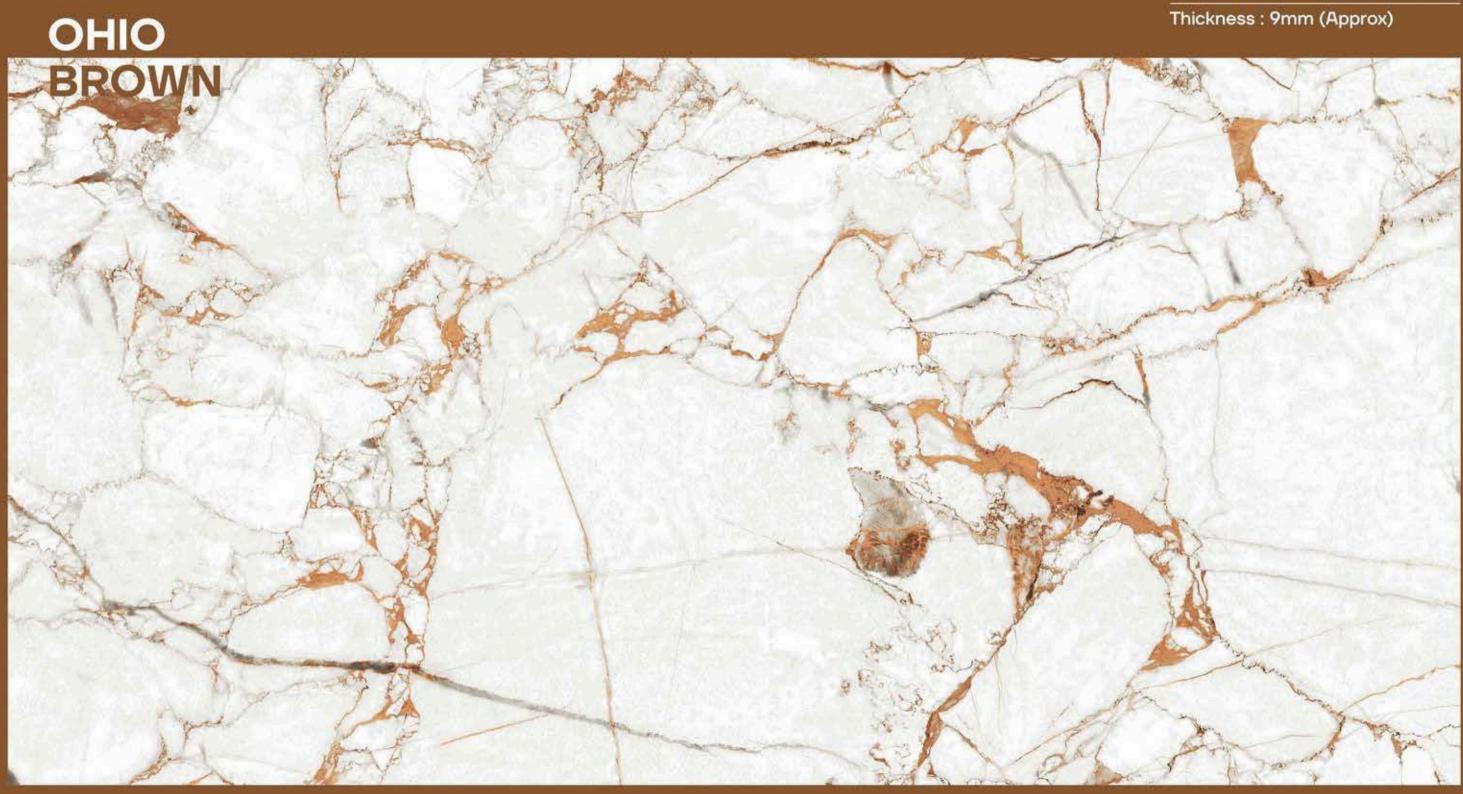






Surface : Glossy

Faces: 4 Randoms





### OHIO BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











Surface : Glossy

Faces: 4 Randoms







### ONYX BOLD BLUE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











Surface : Glossy

Faces: 4 Randoms







### ONYX BOLD BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

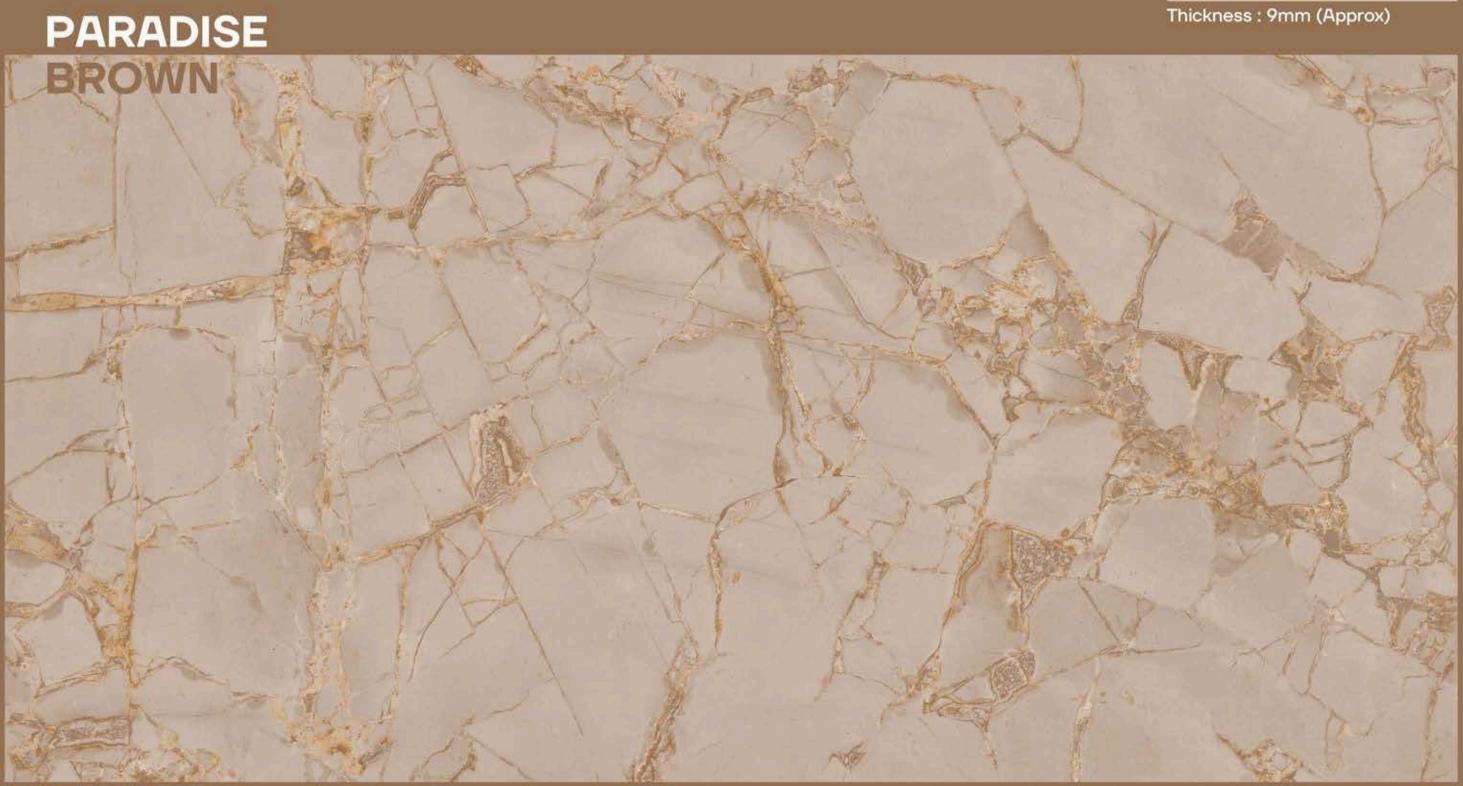
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### PARADISE BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

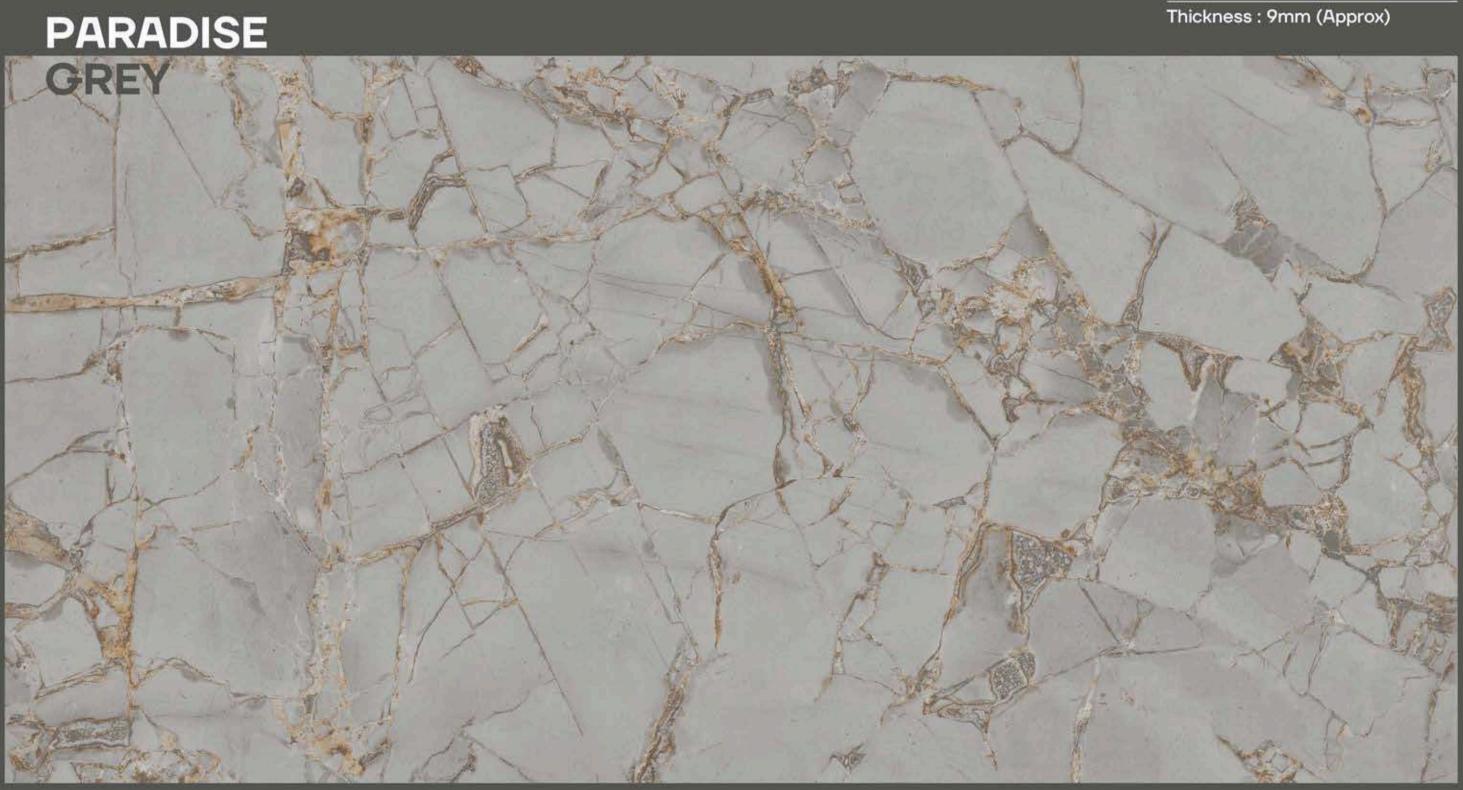
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### PARADISE GREY

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





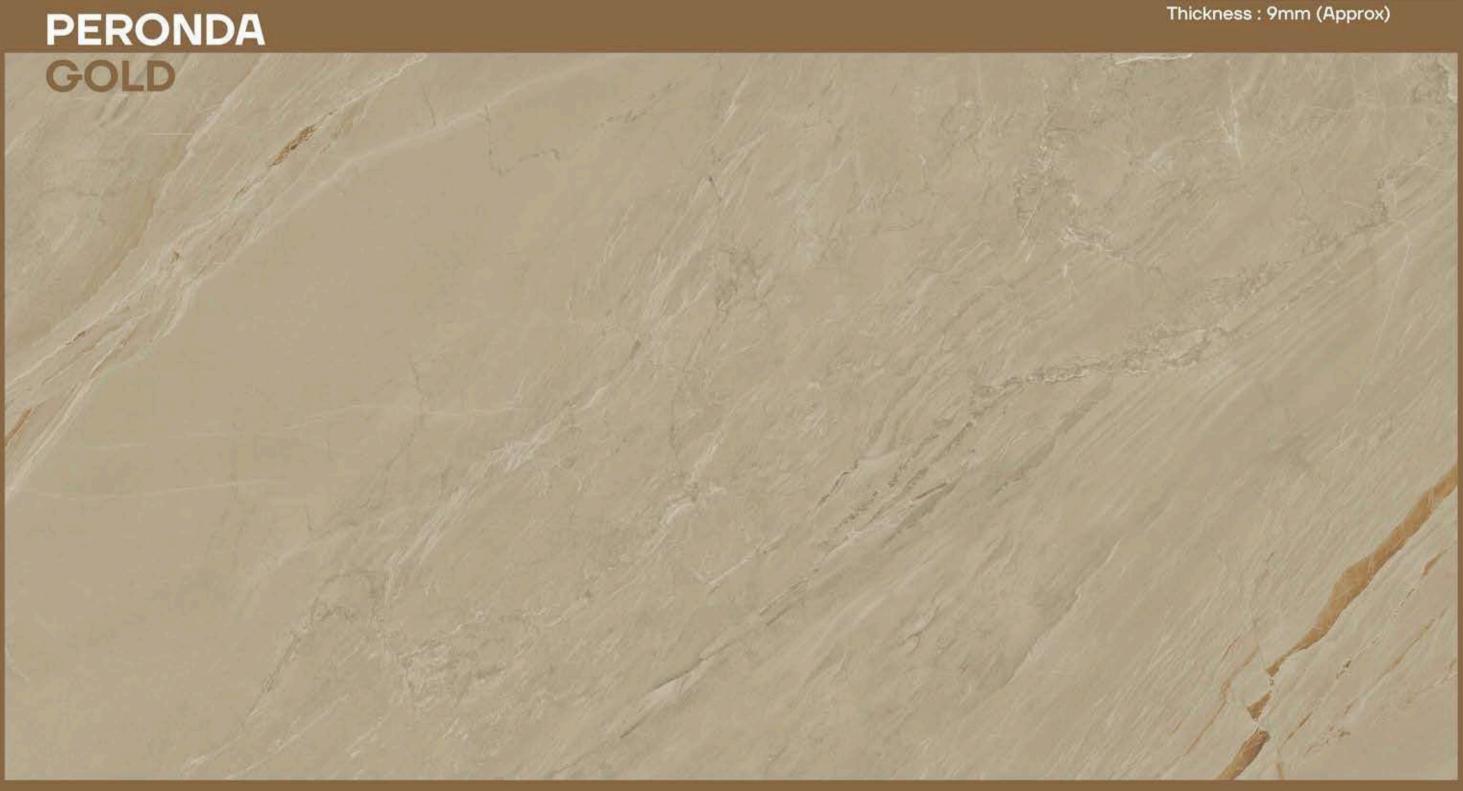






Surface : Glossy

Faces: 4 Randoms





## PERONDA GOLD

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces : 4 Randoms







## PERONDA SILVER

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





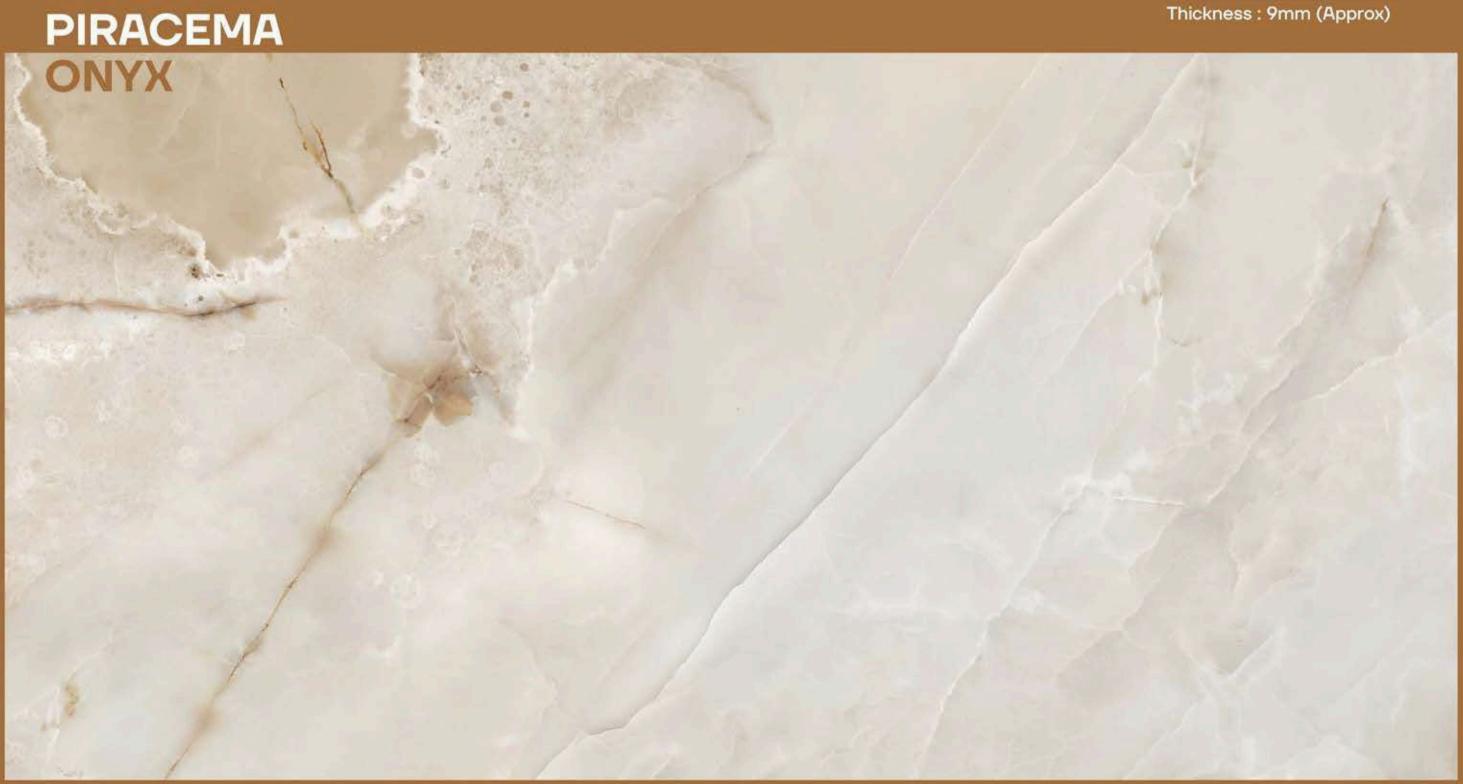
DESIGN: **PERONDA SILVER** 





Surface : Glossy

Faces: 4 Randoms





### PIRACEMA ONYX

Size: 600x1200mm | 60x120cm

Surface : Glossy

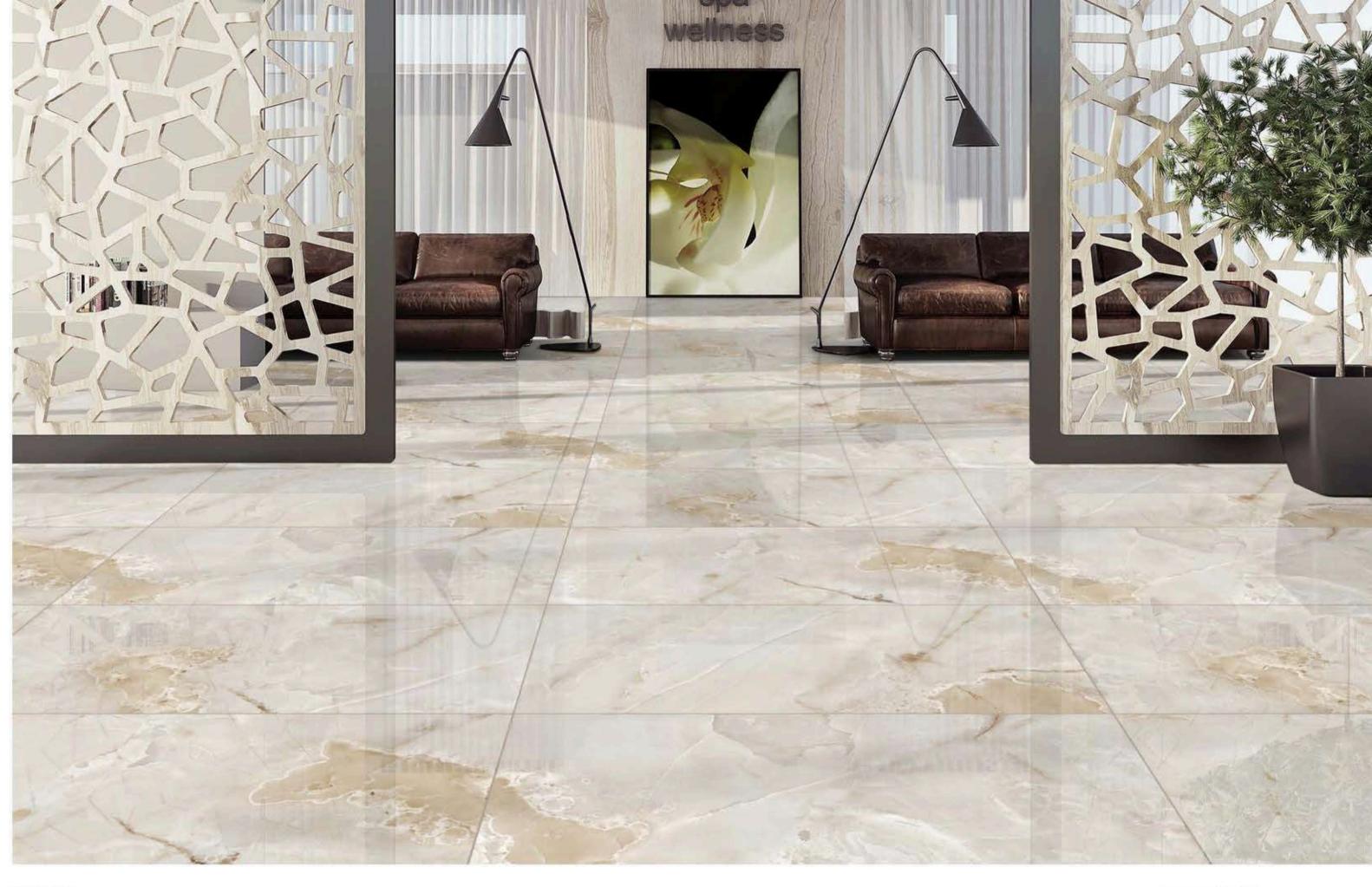
Faces: 4 Randoms











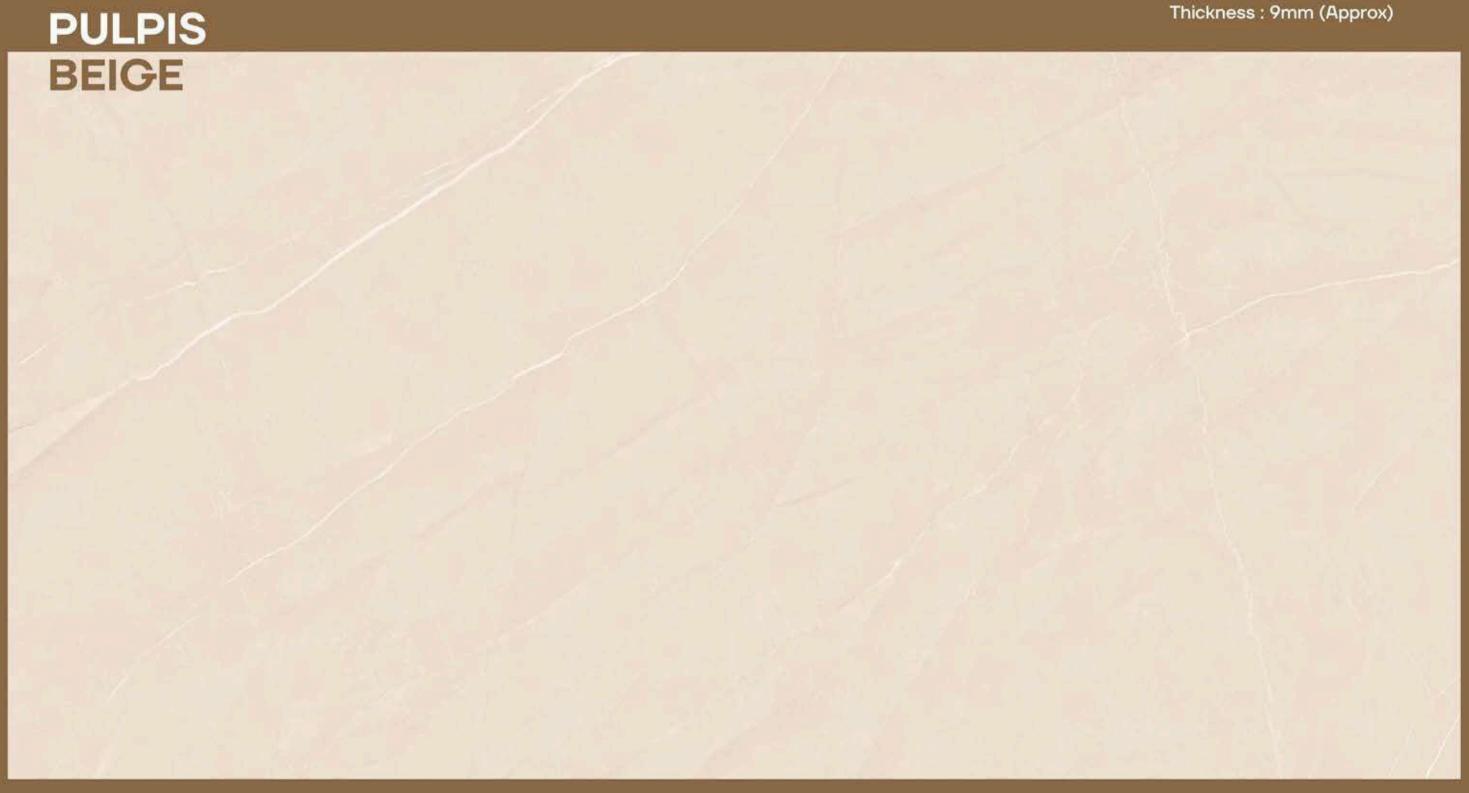






Surface : Glossy

Faces: 4 Randoms



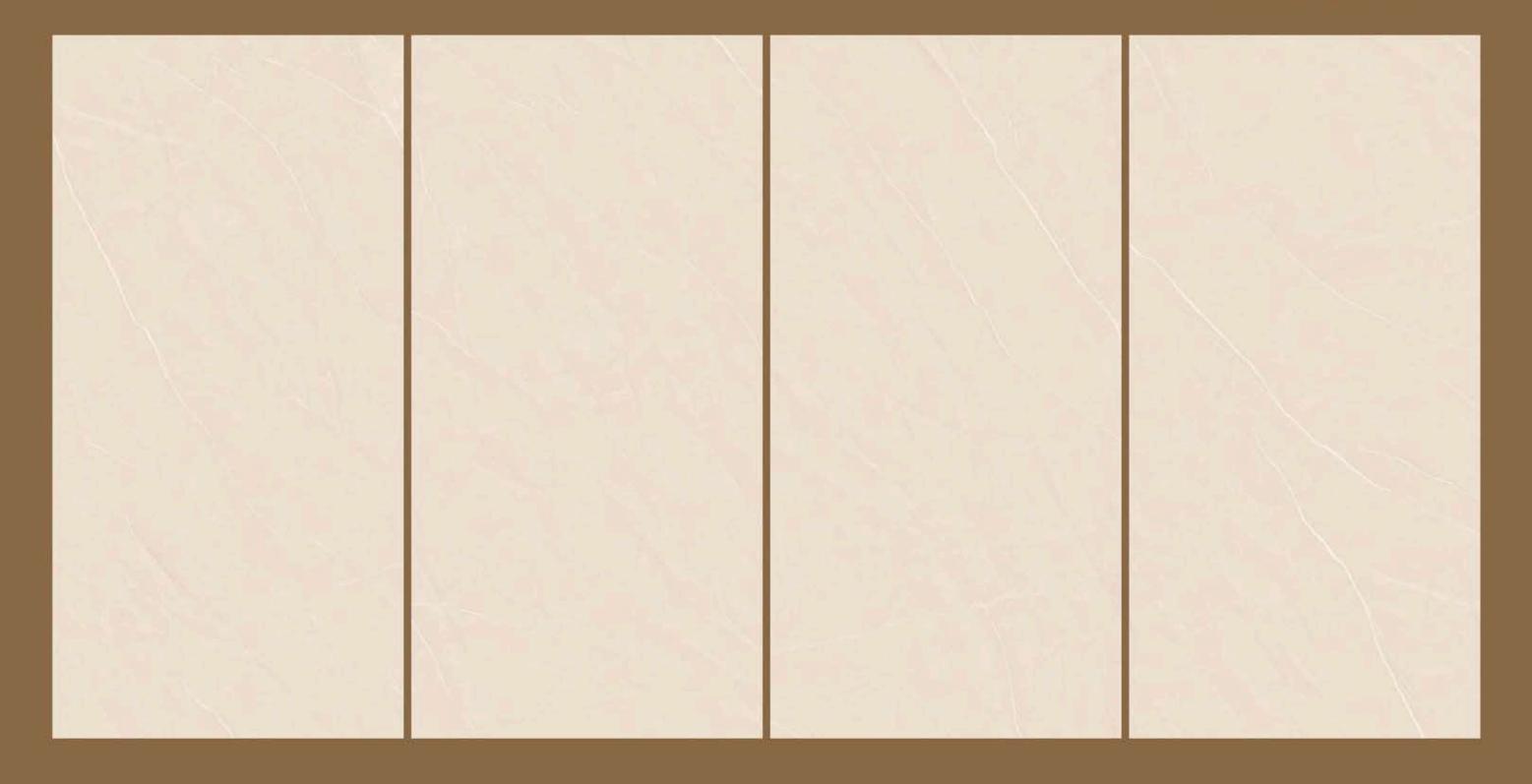


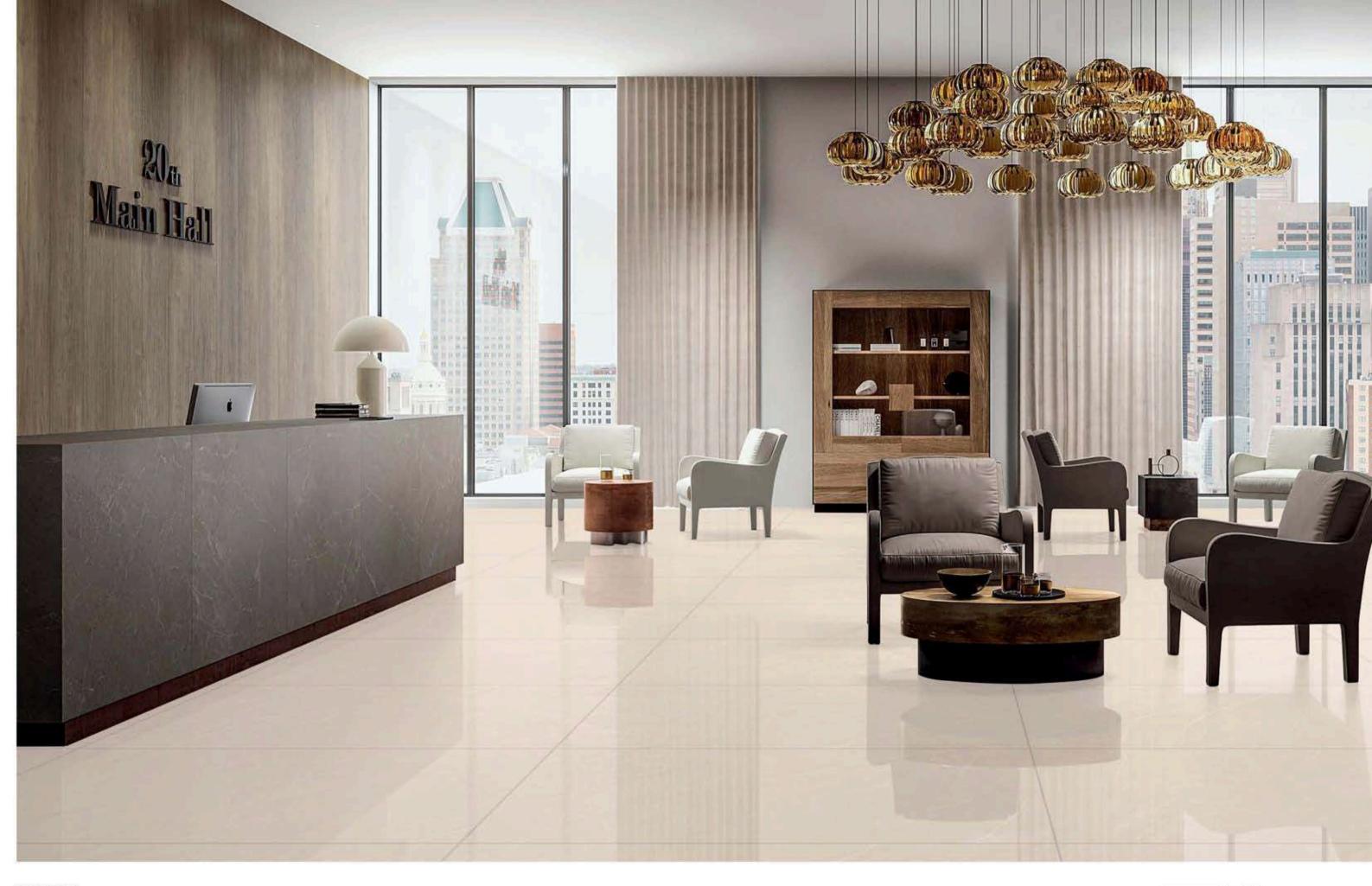
#### PULPIS **BEIGE**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





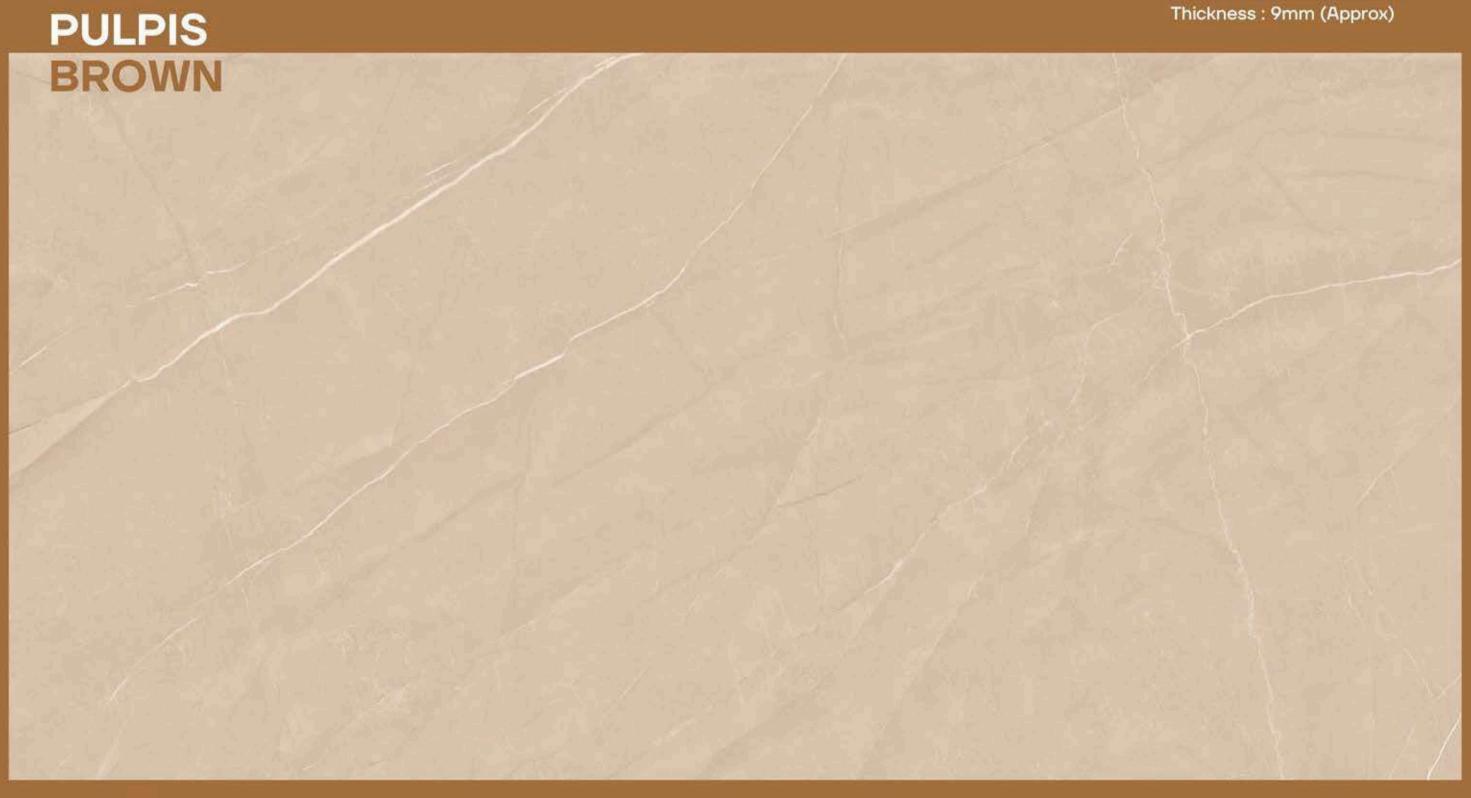
DESIGN: PULPIS BEIGE





Surface : Glossy

Faces: 4 Randoms



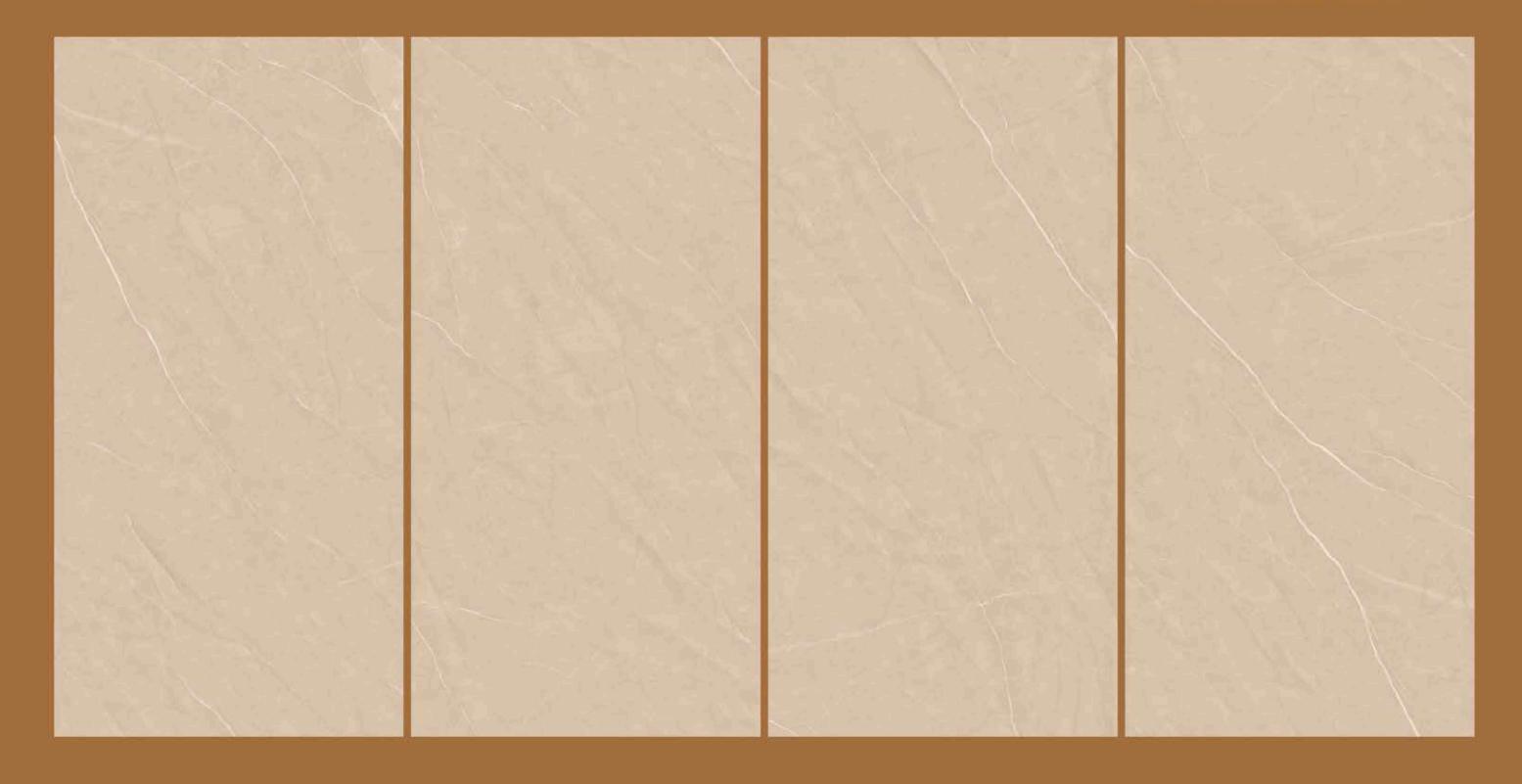


#### PULPIS BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

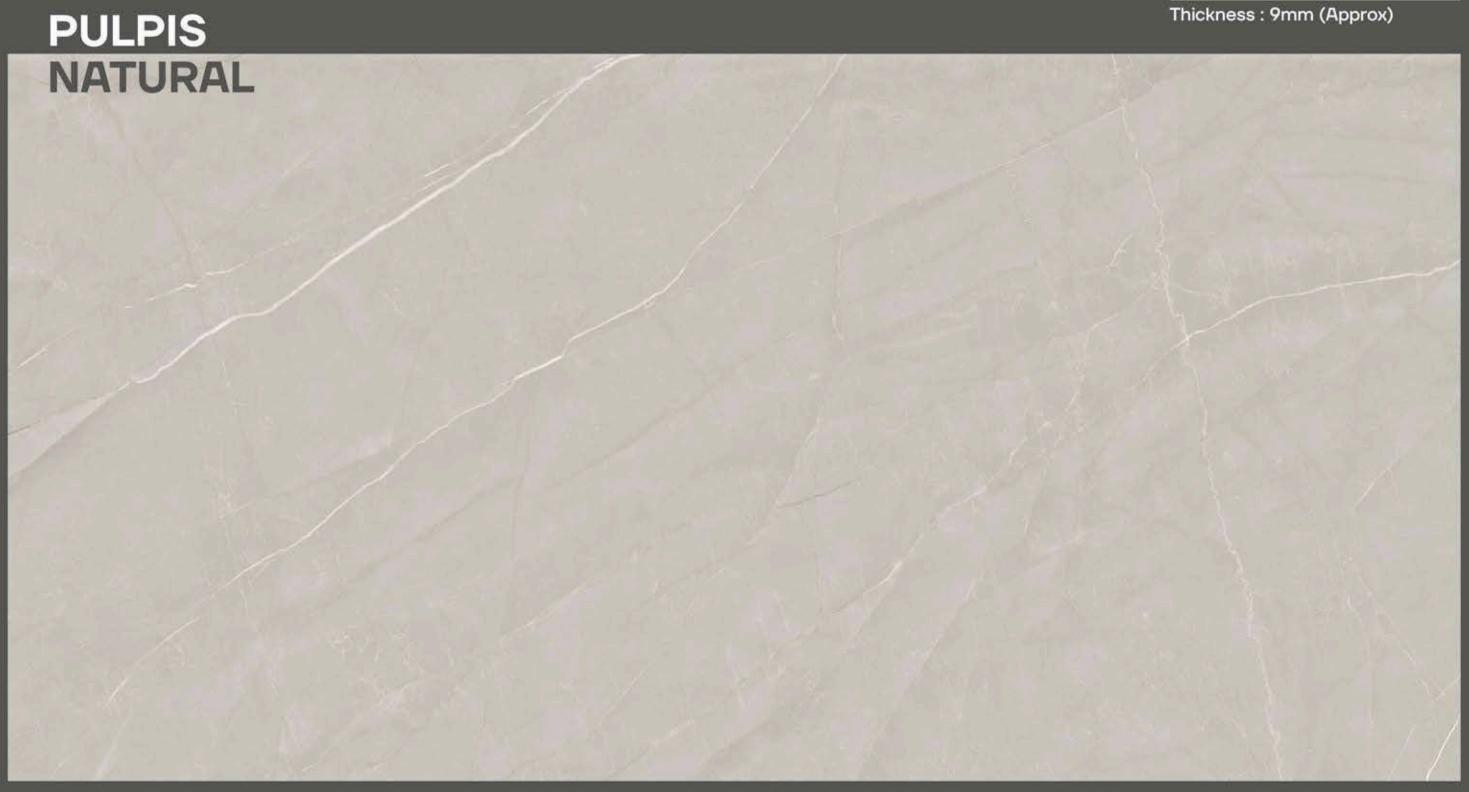
Faces: 4 Randoms





Surface : Glossy

Faces : 4 Randoms





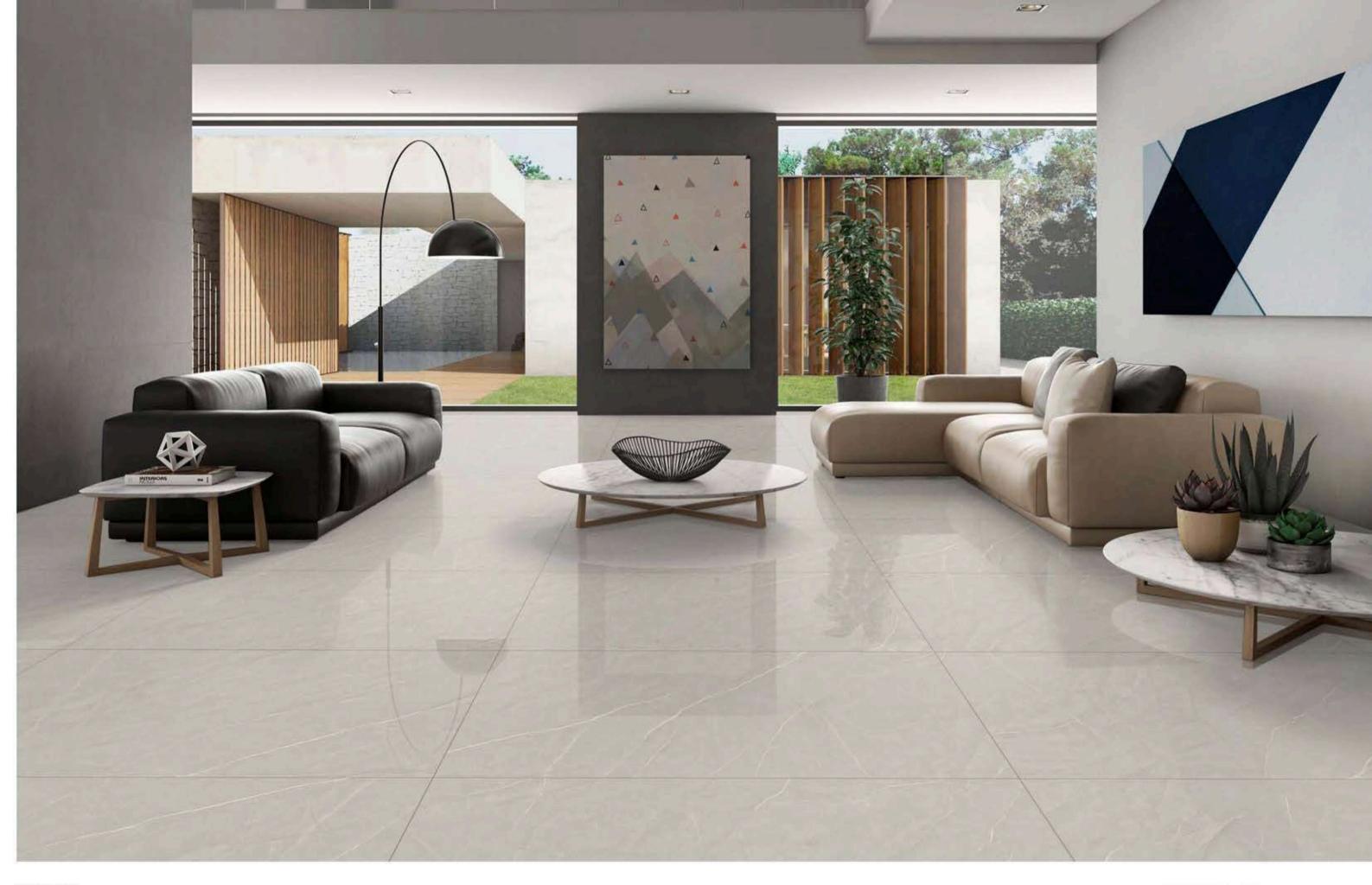
#### PULPIS **NATURAL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





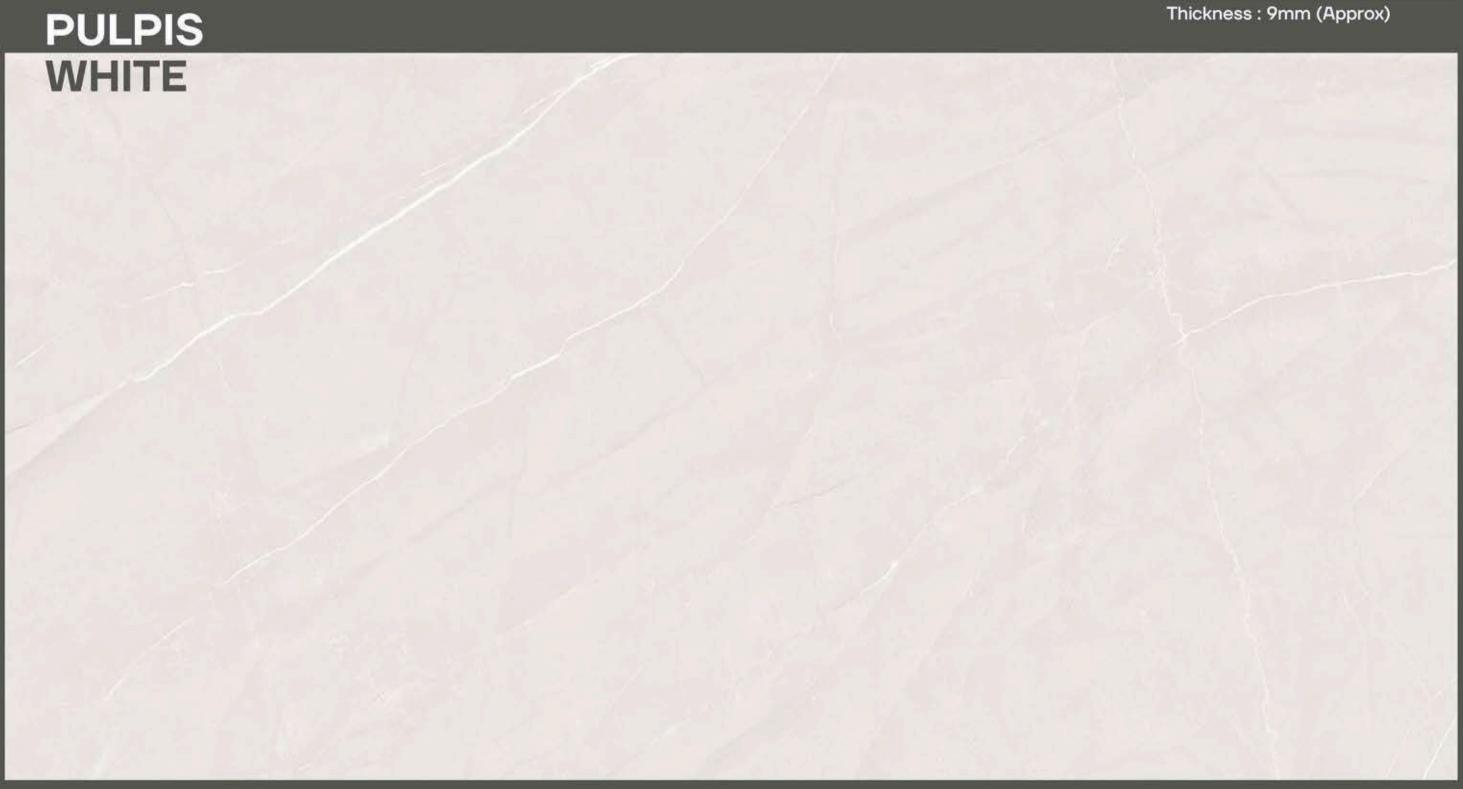






Surface : Glossy

Faces : 4 Randoms



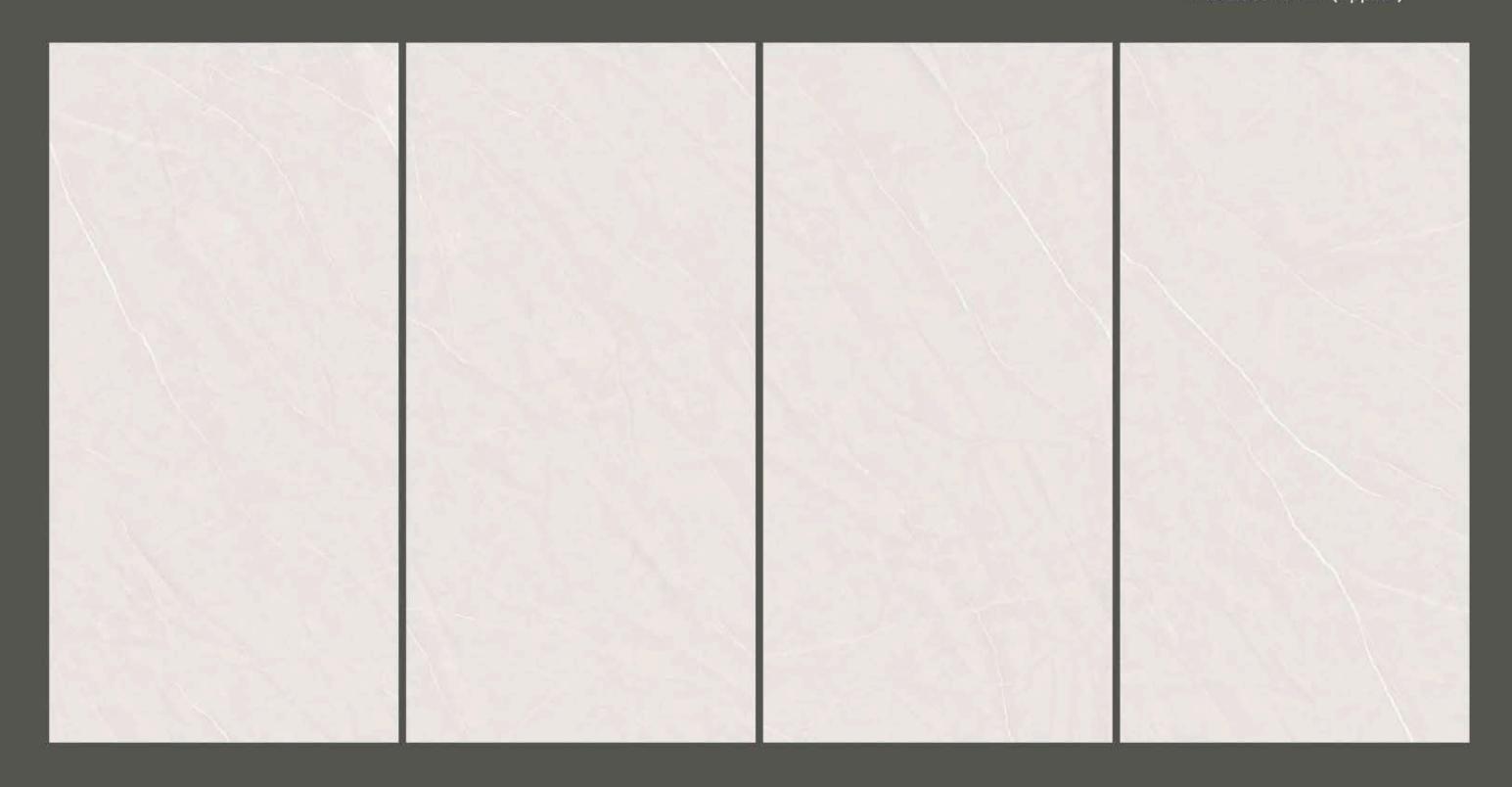


#### PULPIS WHITE

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

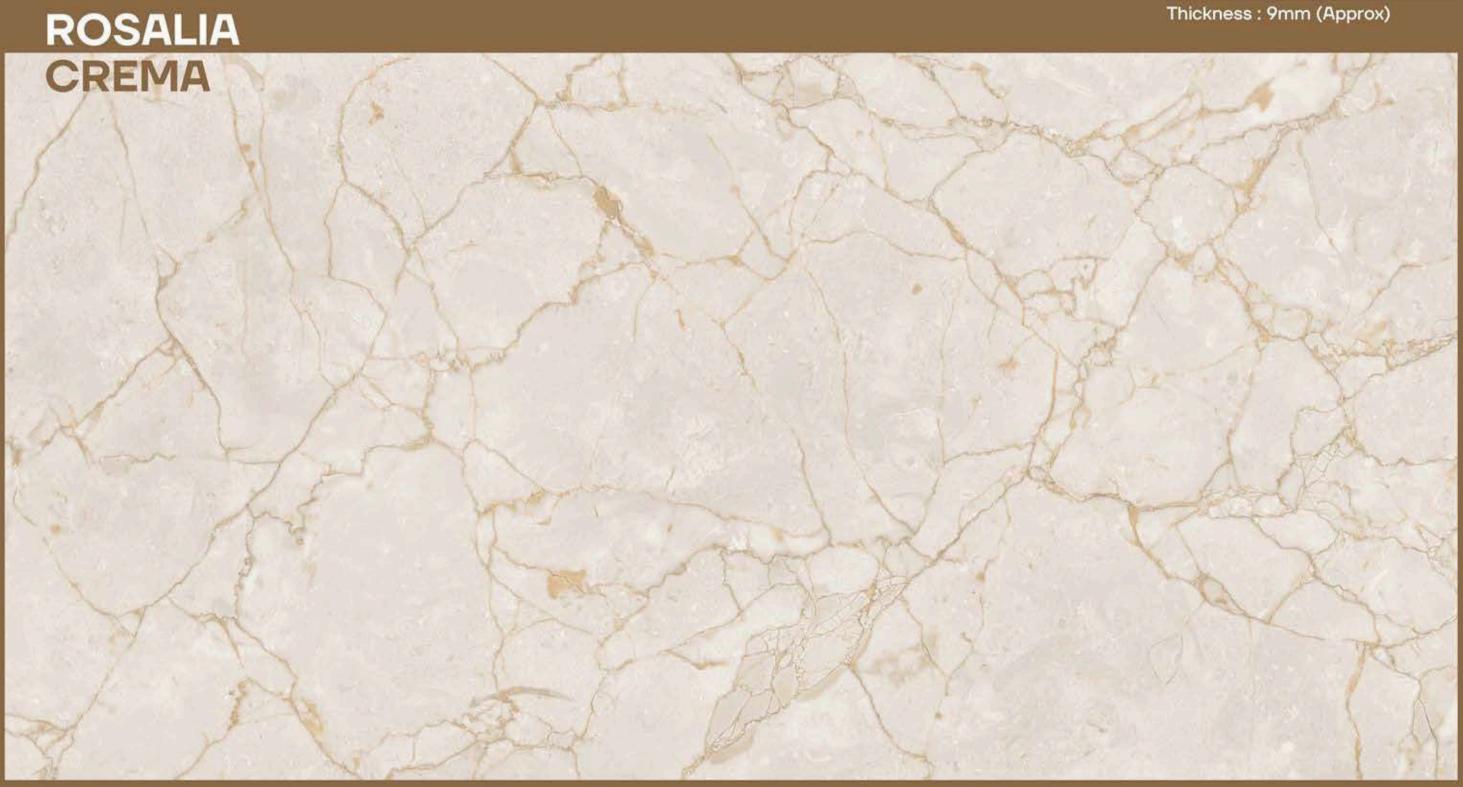




Surface : Glossy

Faces: 4 Randoms







#### ROSALIA CREMA

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





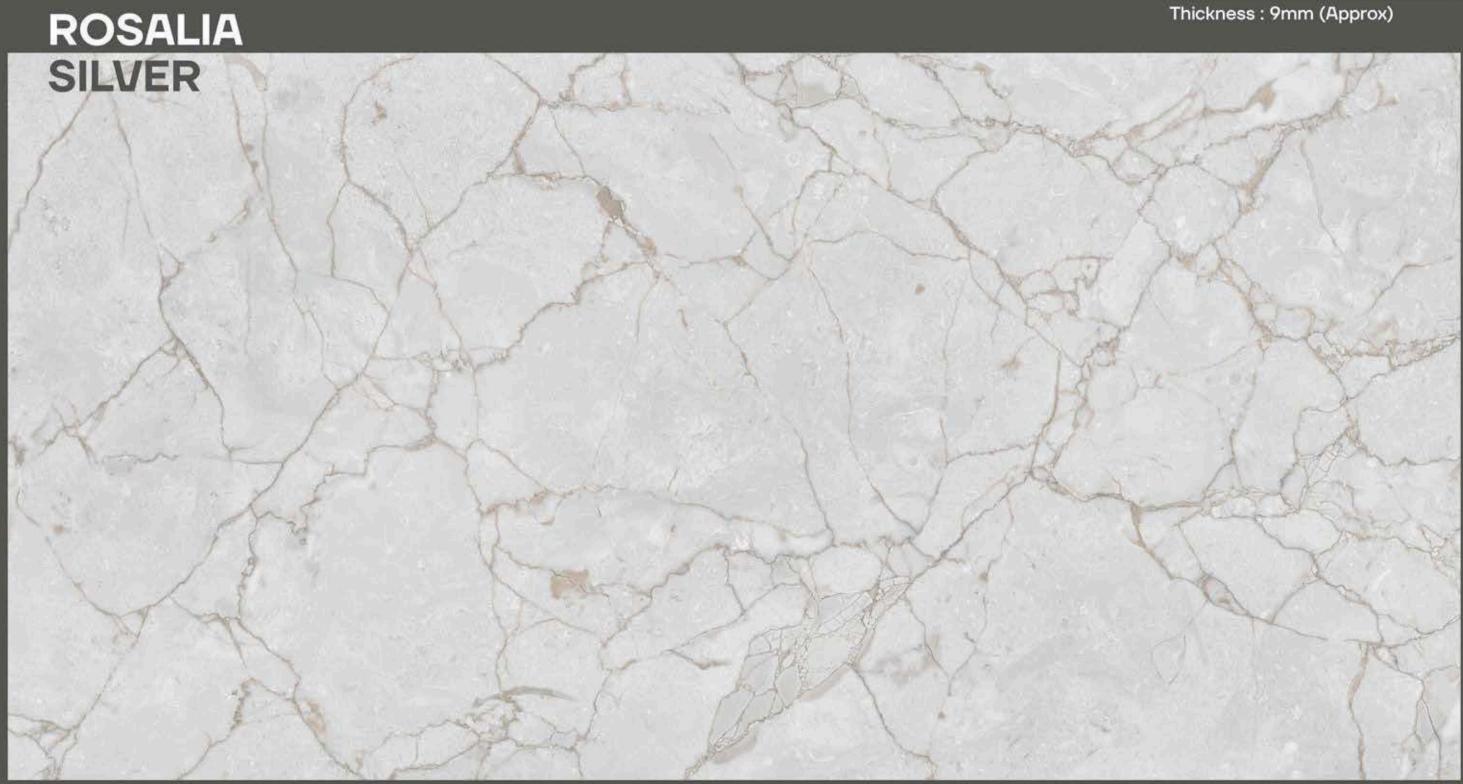






Surface : Glossy

Faces : 4 Randoms





### ROSALIA **SILVER**

Size: 600x1200mm | 60x120cm

Surface : Glossy

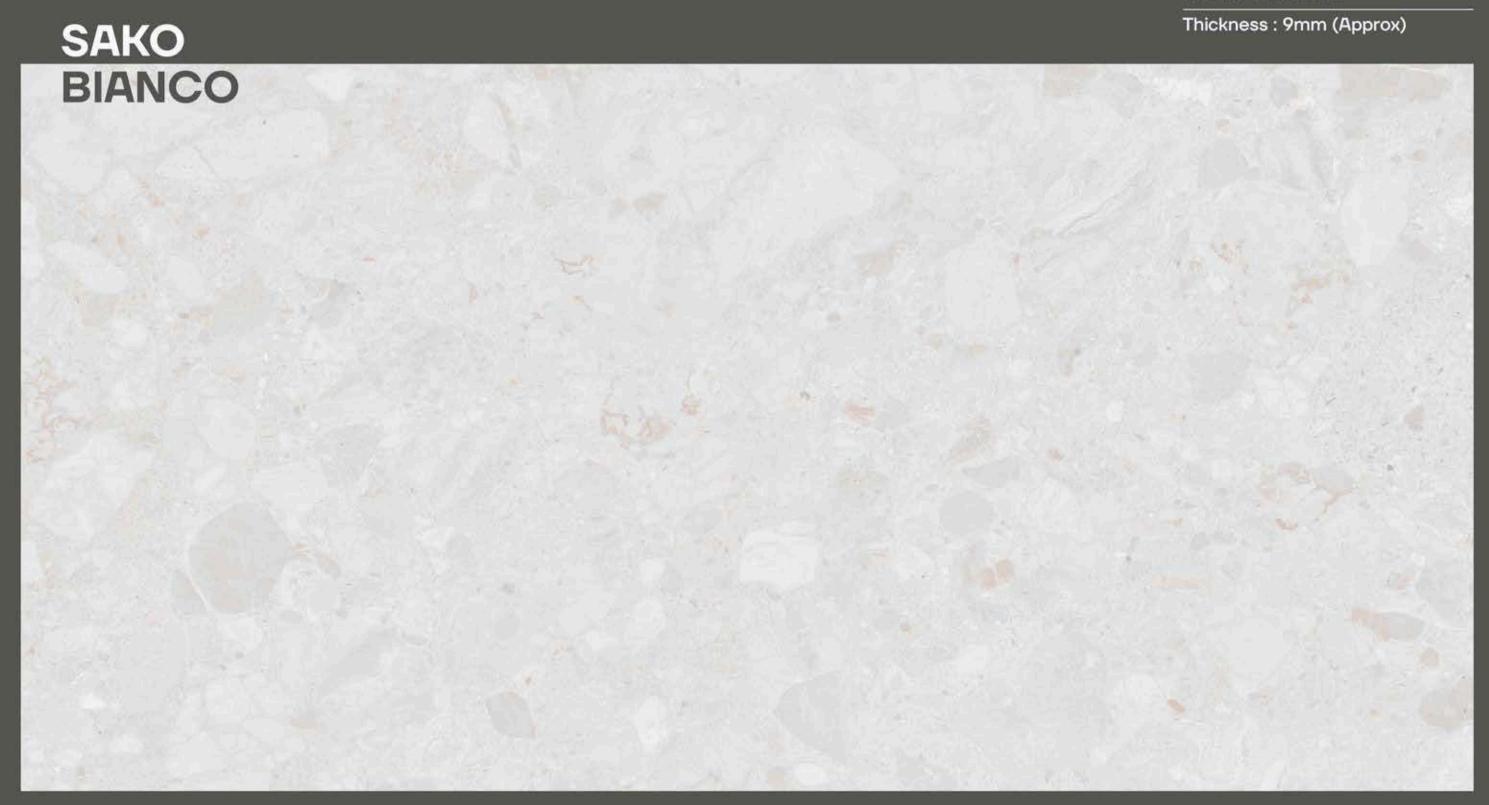
Faces : 4 Randoms





Surface : Glossy

Faces : 4 Randoms





## SAKO **BIANCO**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

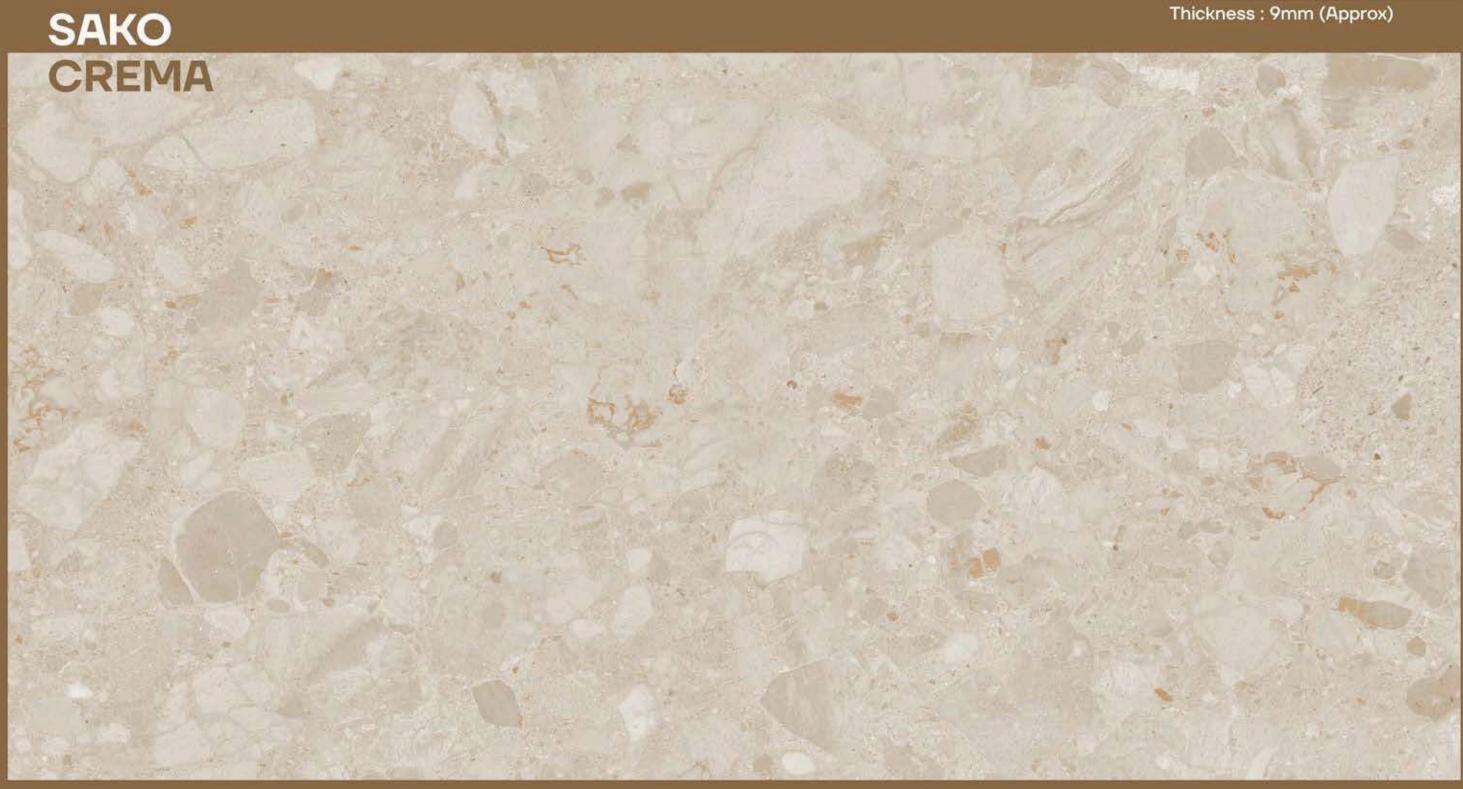




Surface : Glossy

Faces: 4 Randoms







## SAKO CREMA

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











Surface : Glossy

Faces: 4 Randoms







## SAKO GREY

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms







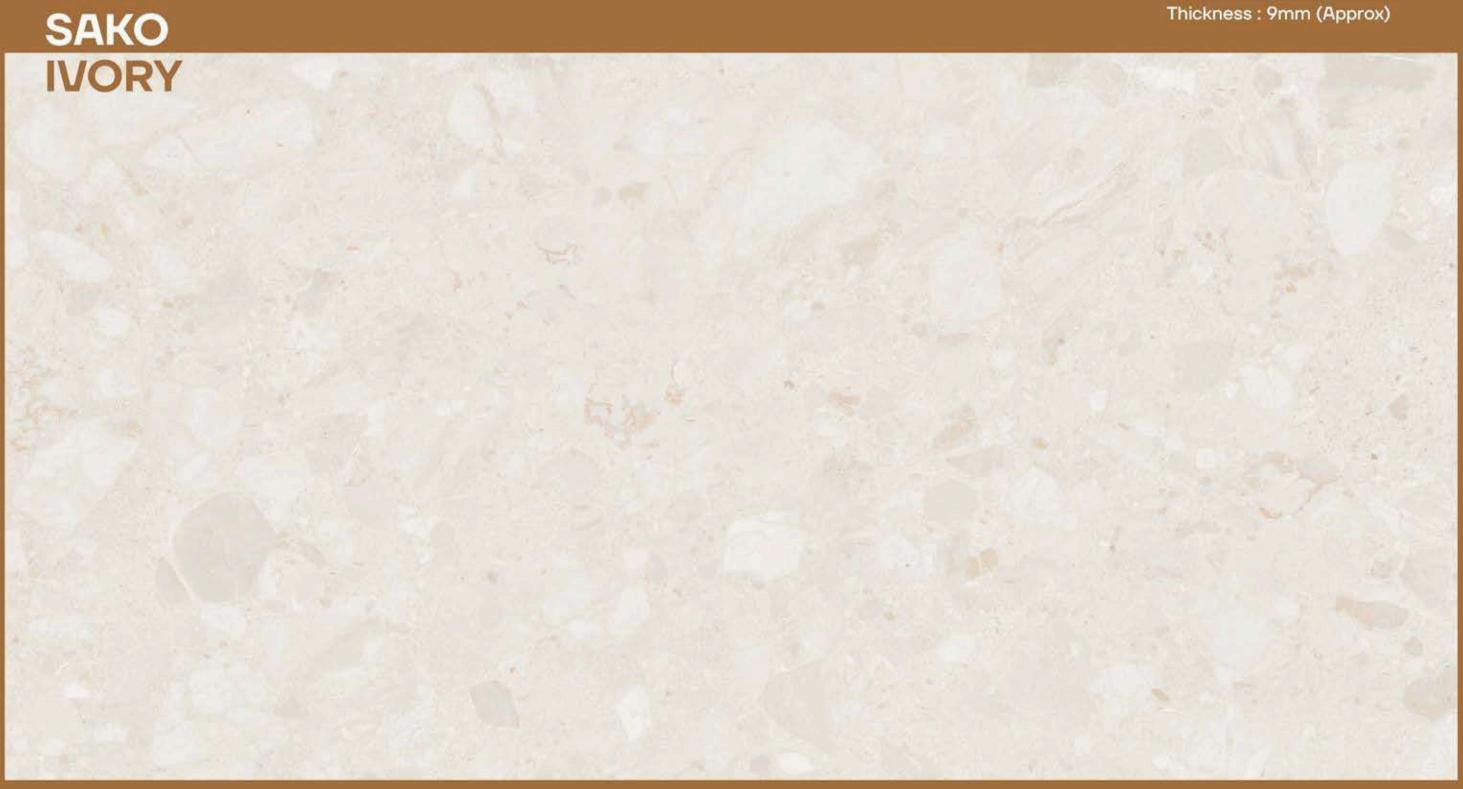




Surface : Glossy

Faces: 4 Randoms





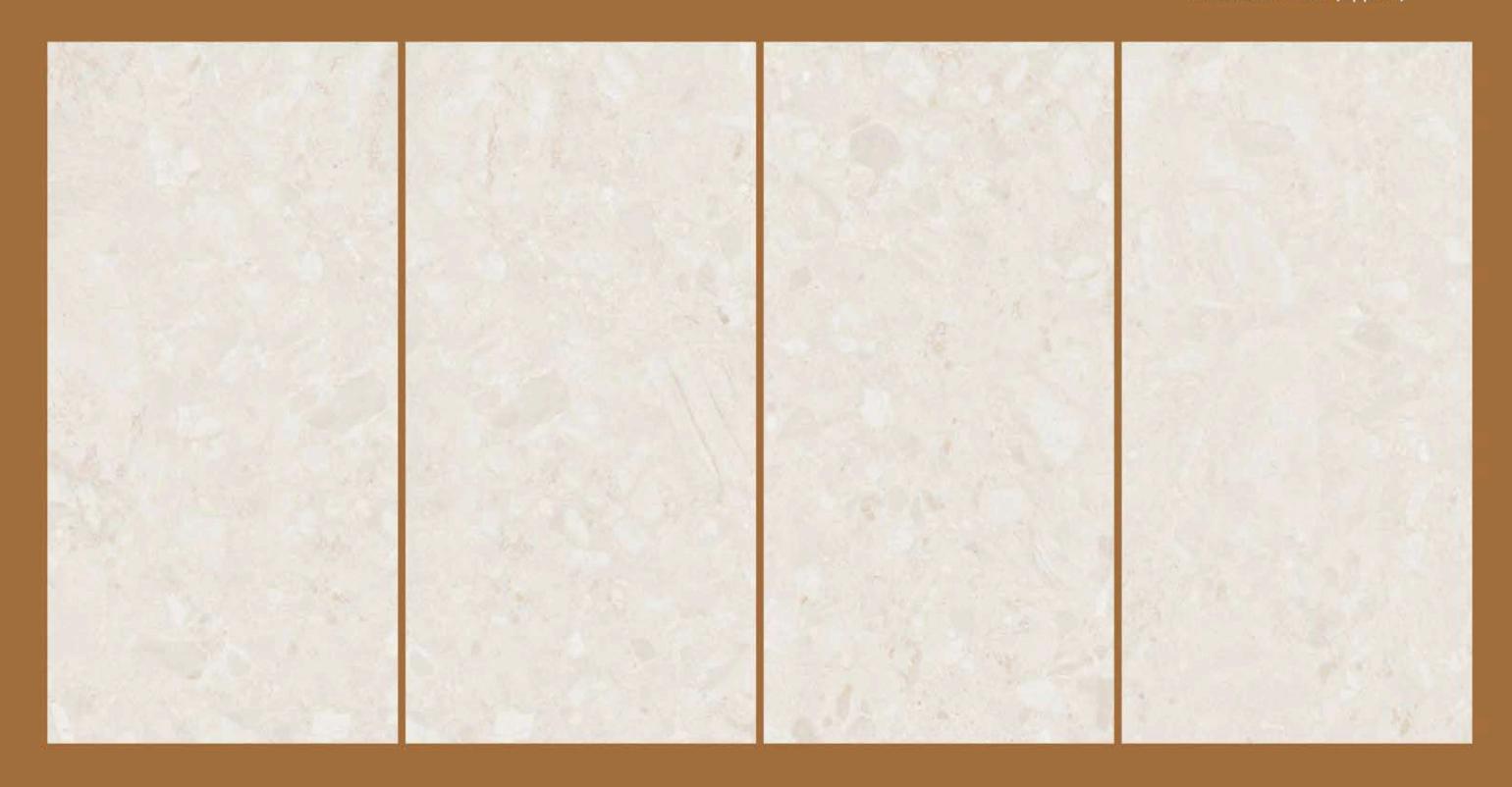


## SAKO IVORY

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms

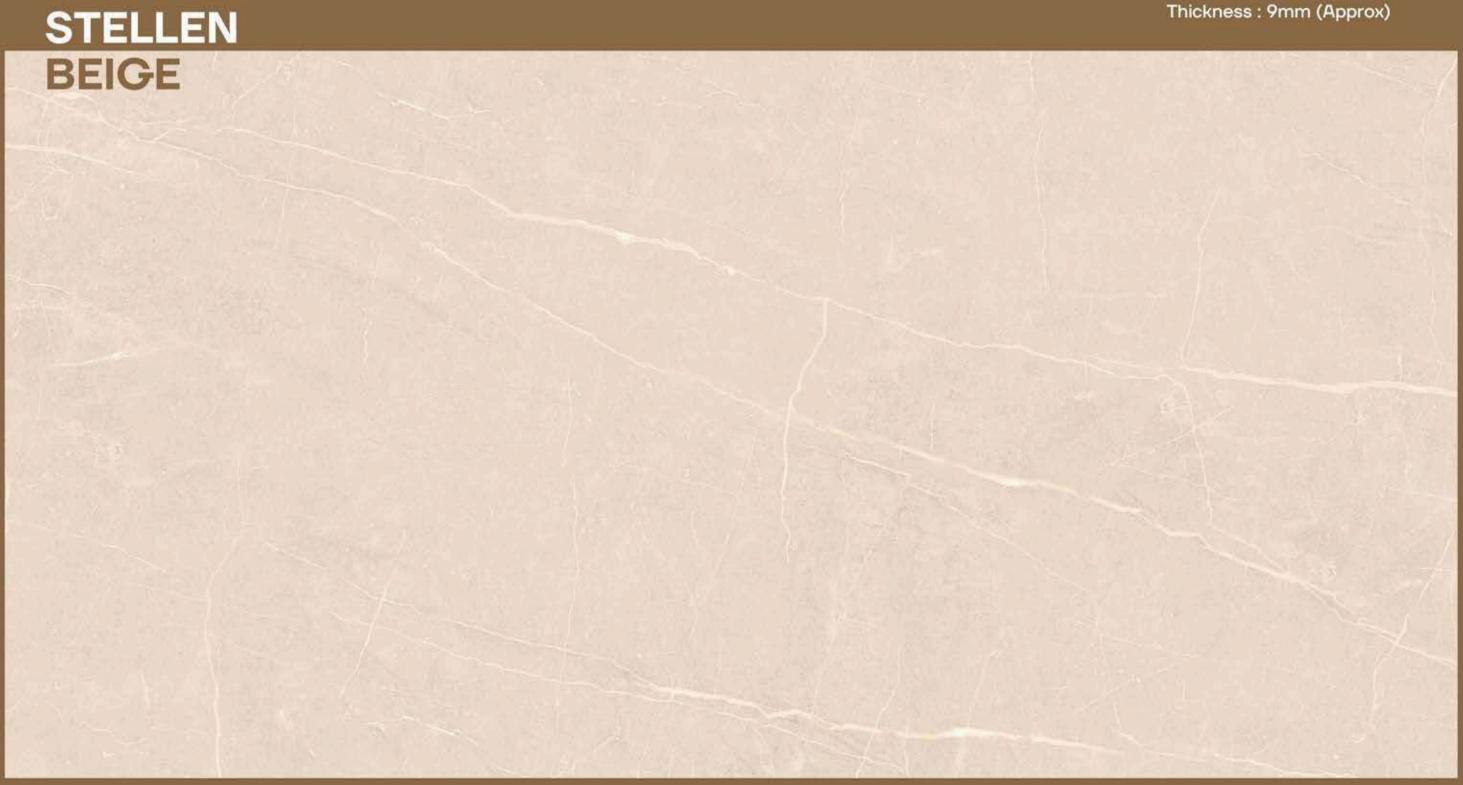




Surface : Glossy

Faces: 4 Randoms





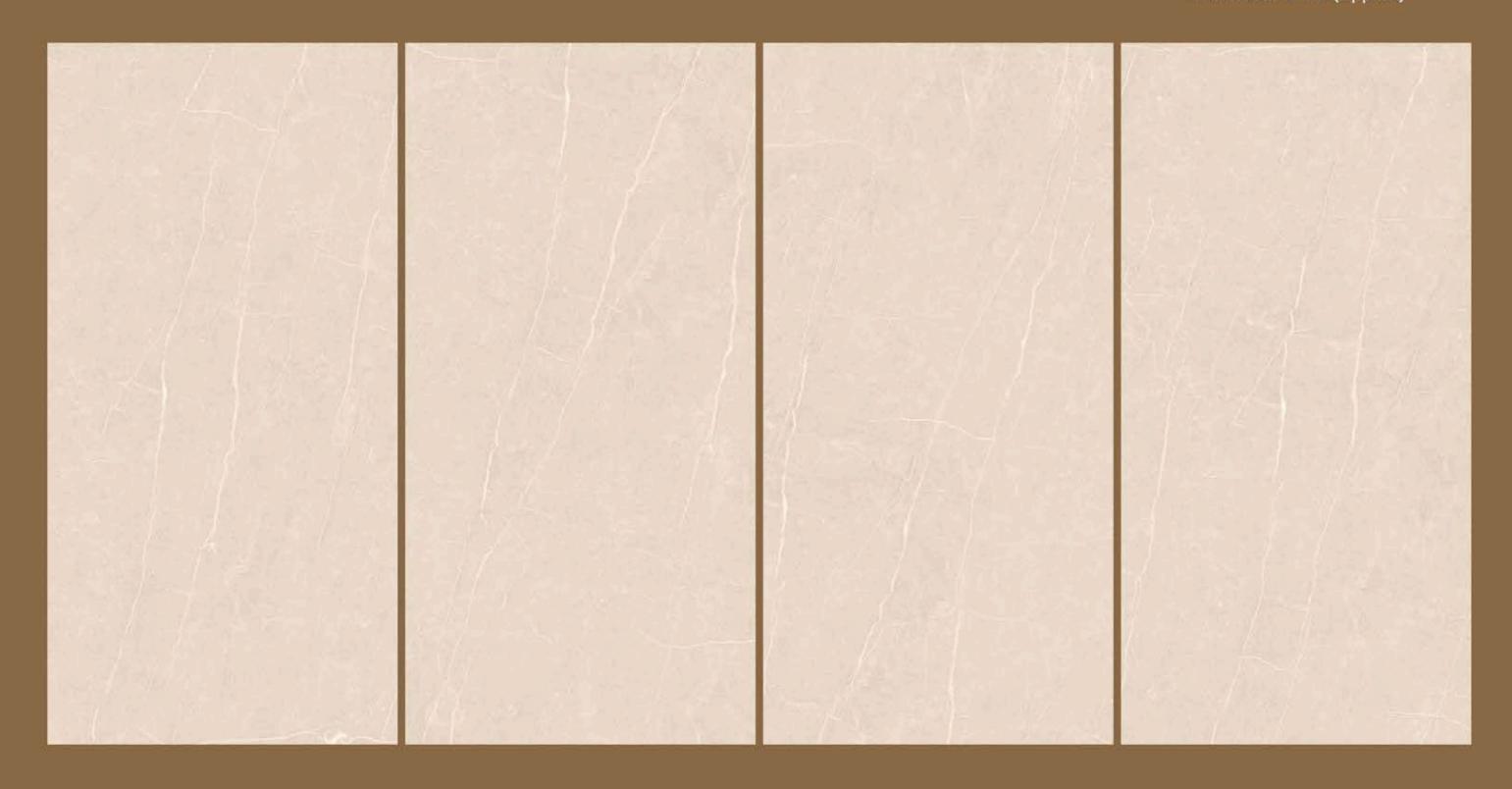


#### STELLEN BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms

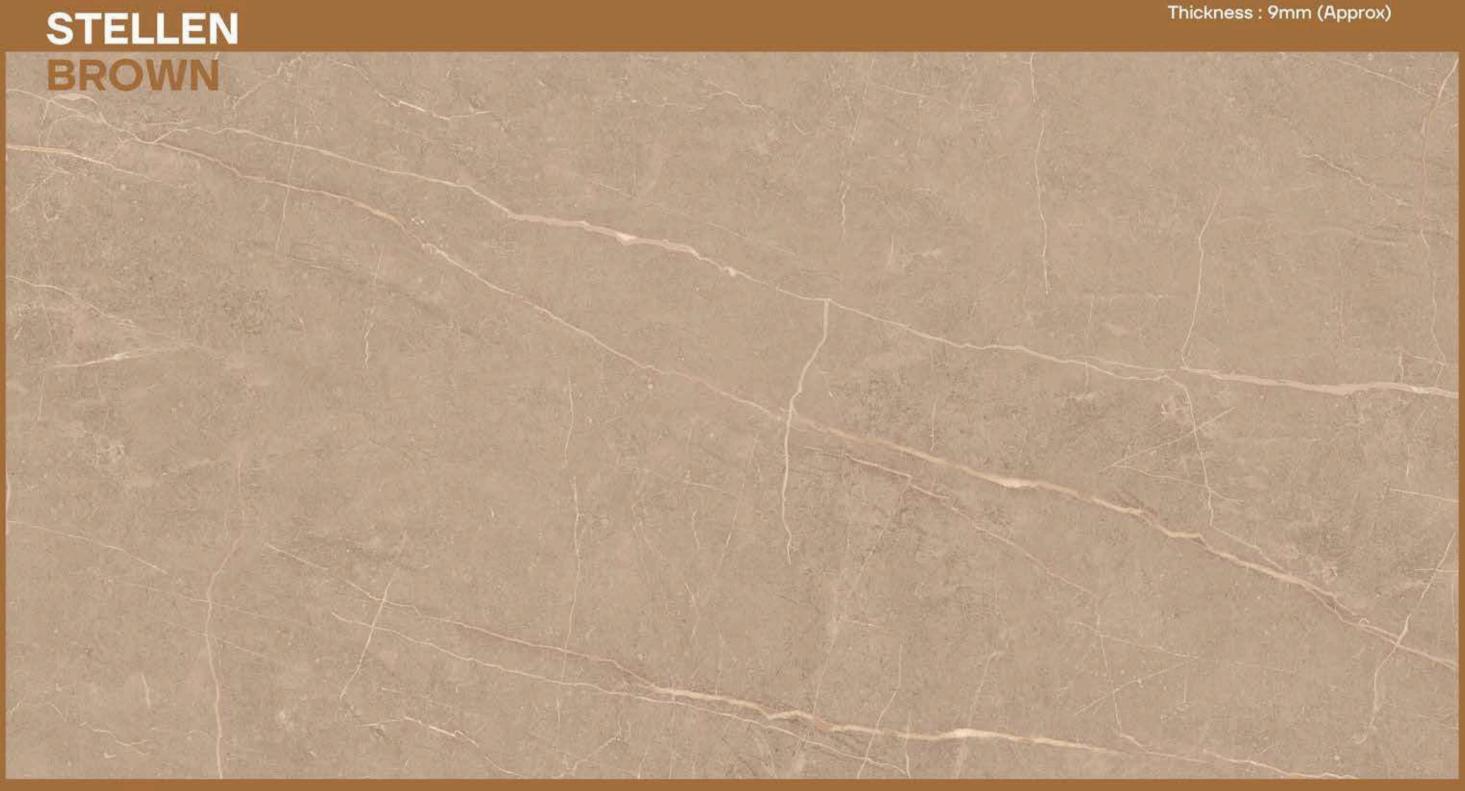




Surface : Glossy

Faces: 4 Randoms







## STELLEN BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms







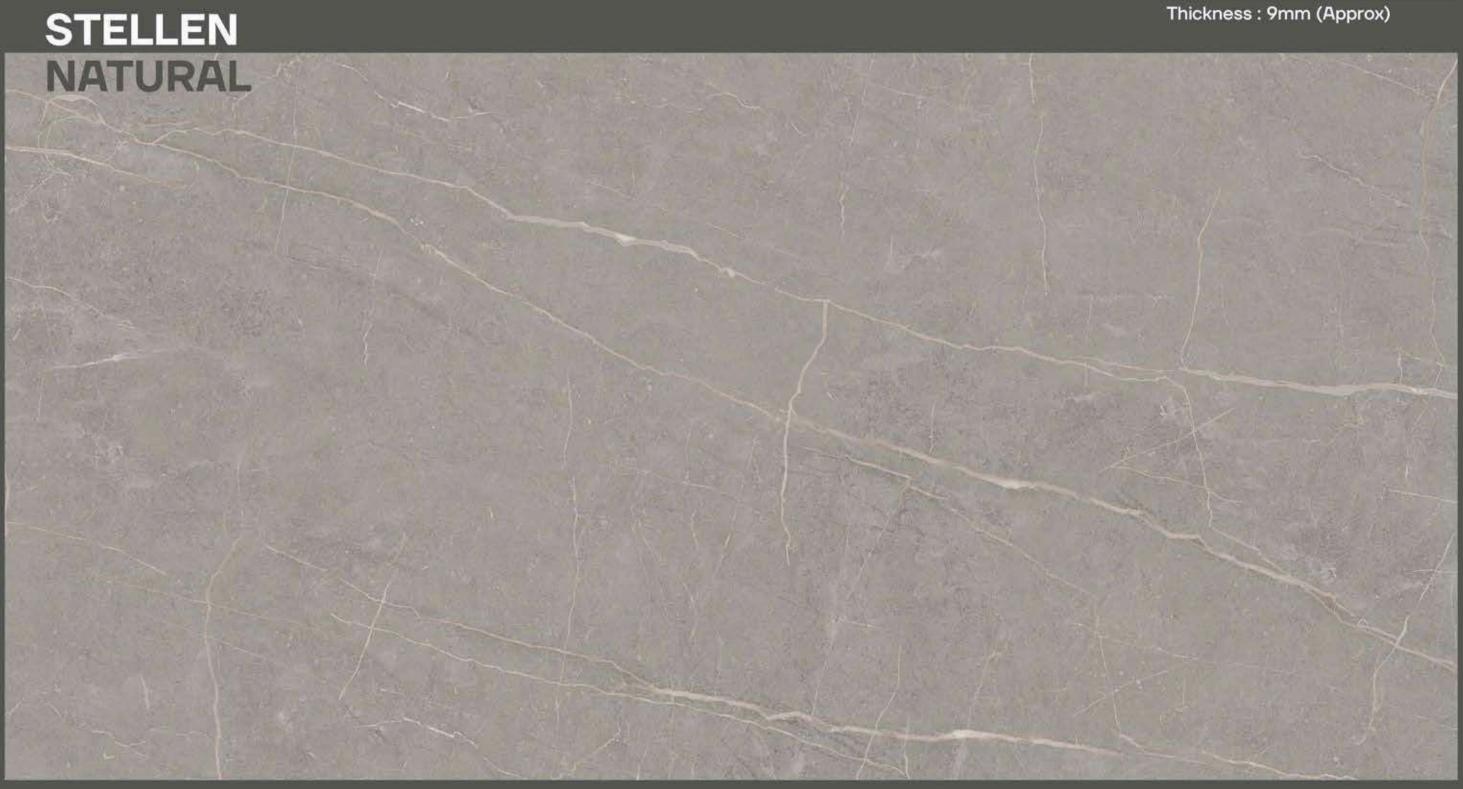




Surface : Glossy

Faces : 4 Randoms







# STELLEN **NATURAL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms









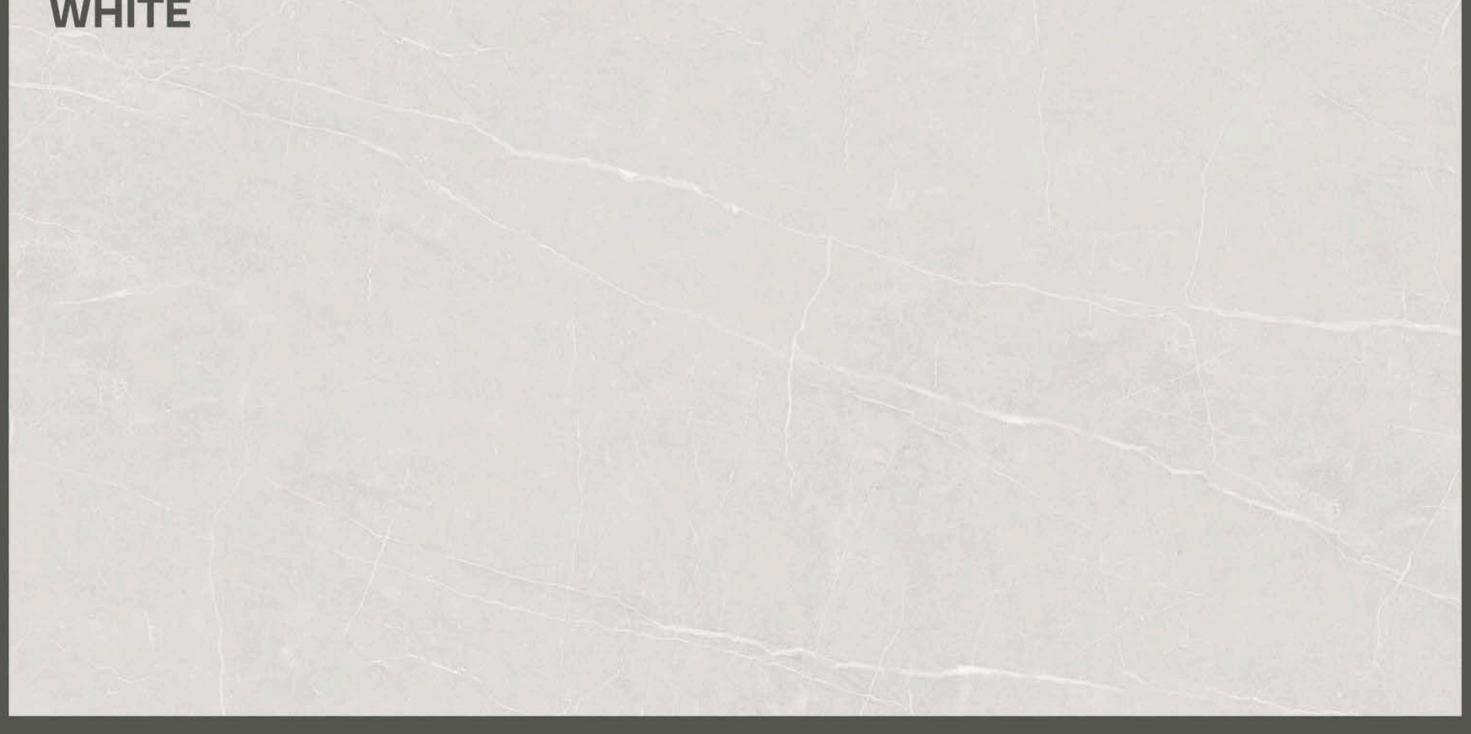


Surface : Glossy

Faces: 4 Randoms

Thickness: 9mm (Approx)

STELLEN



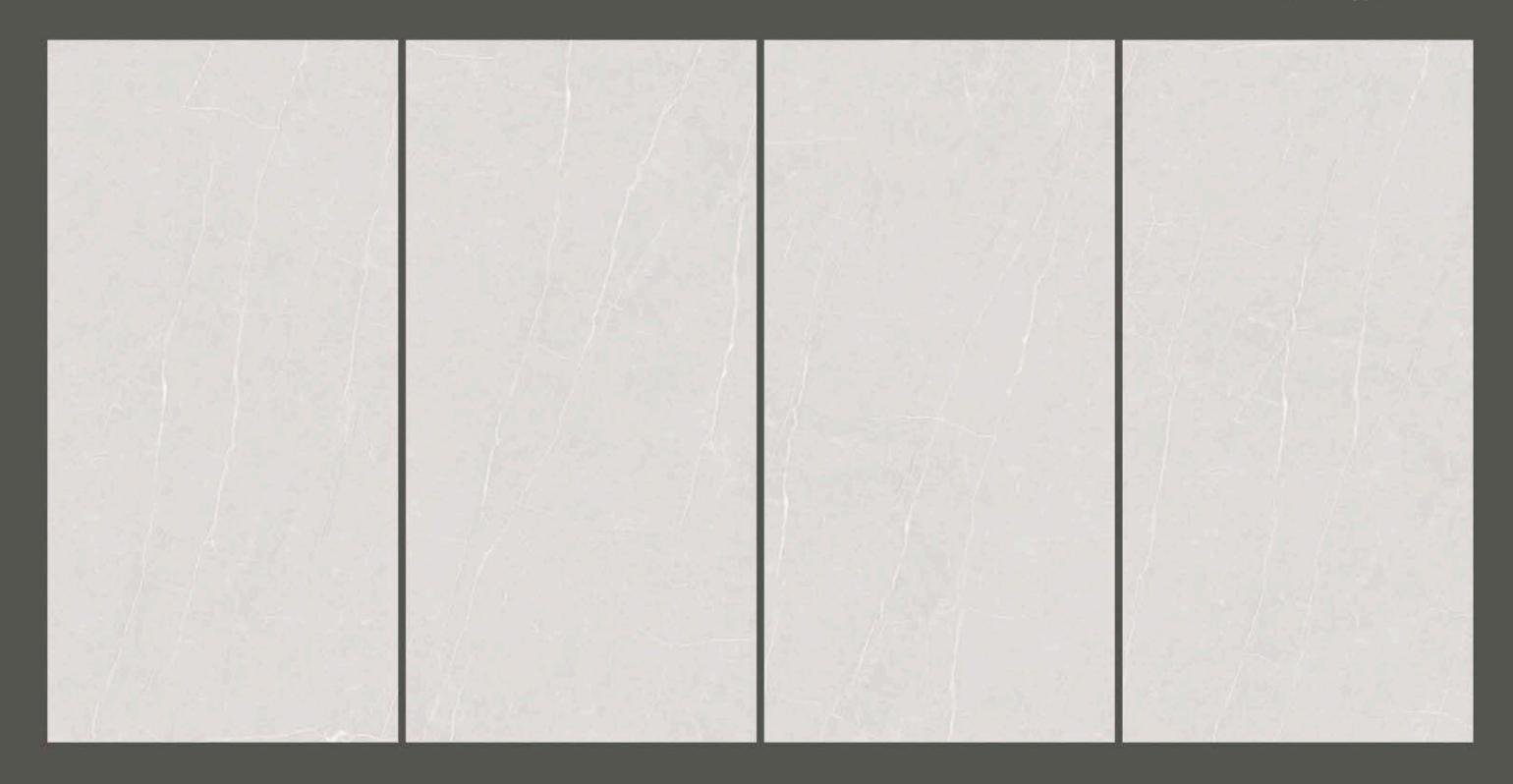


## STELLEN WHITE

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms







## STROSICA **AZUL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





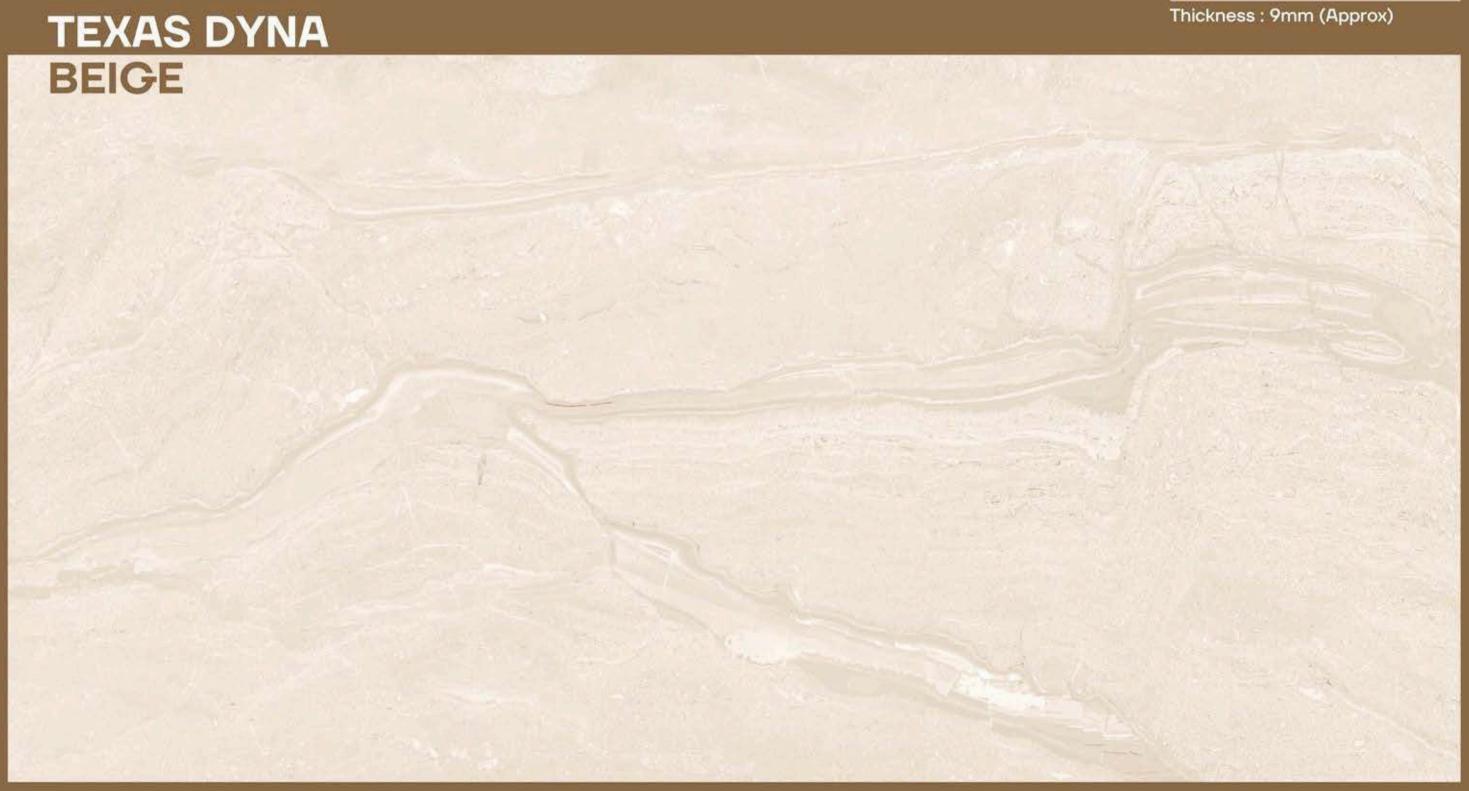






Surface : Glossy

Faces: 4 Randoms





# TEXAS DYNA BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

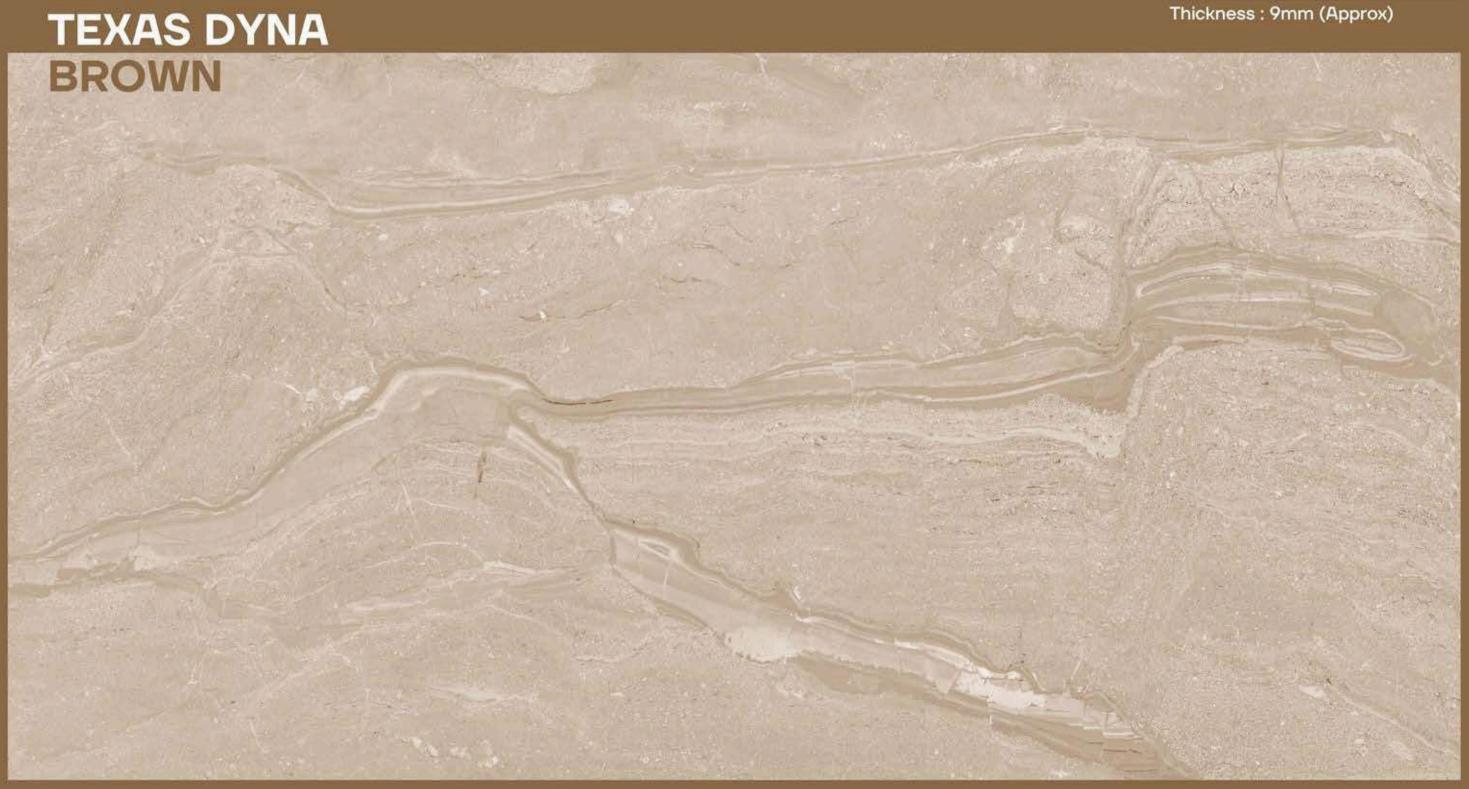
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





# TEXAS DYNA BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











DESIGN: TEXAS DYNA BROWN

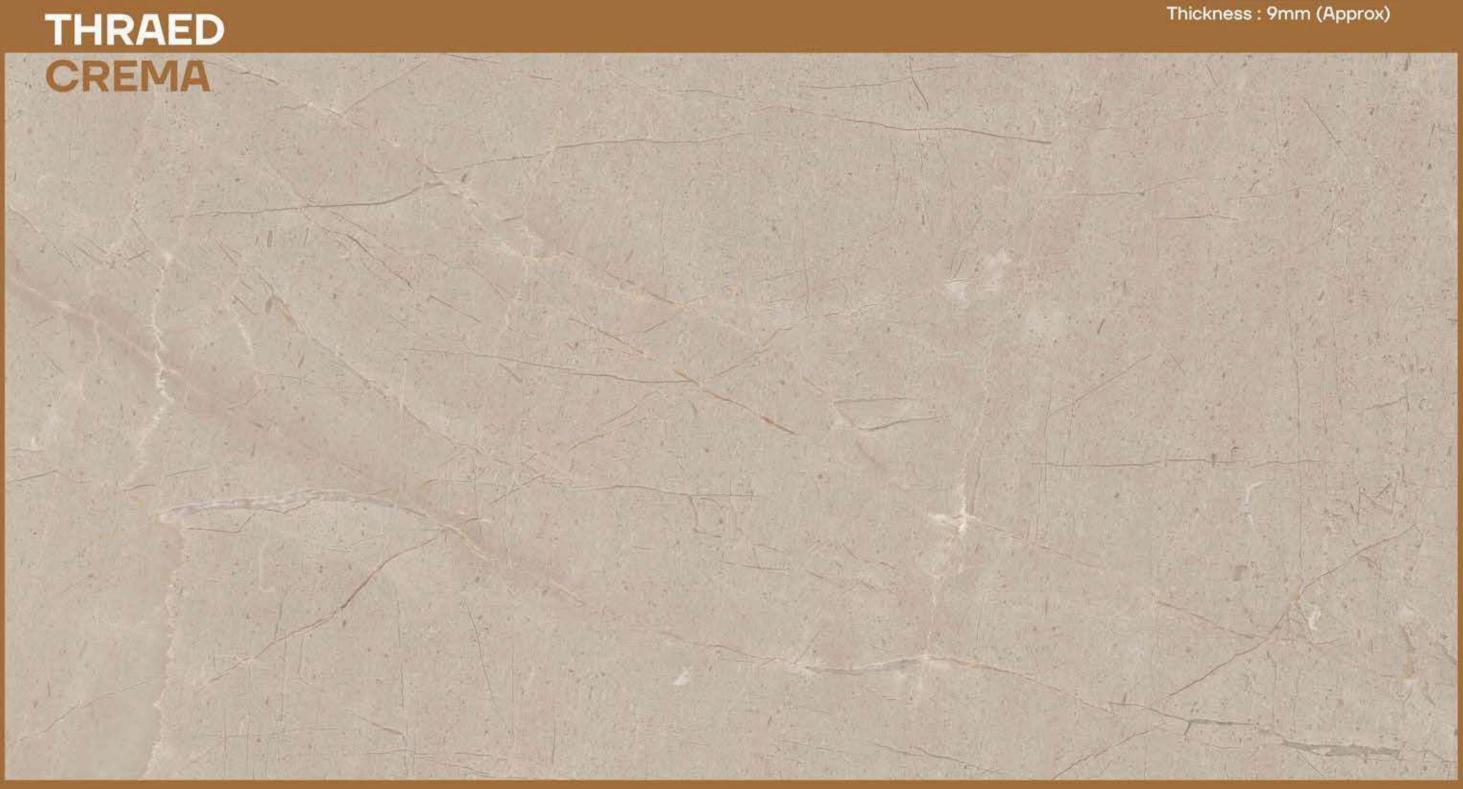




Surface : Glossy

Faces: 4 Randoms







# THRAED CREMA

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces : 4 Randoms







# THRAED **NATURAL**

Size : 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms







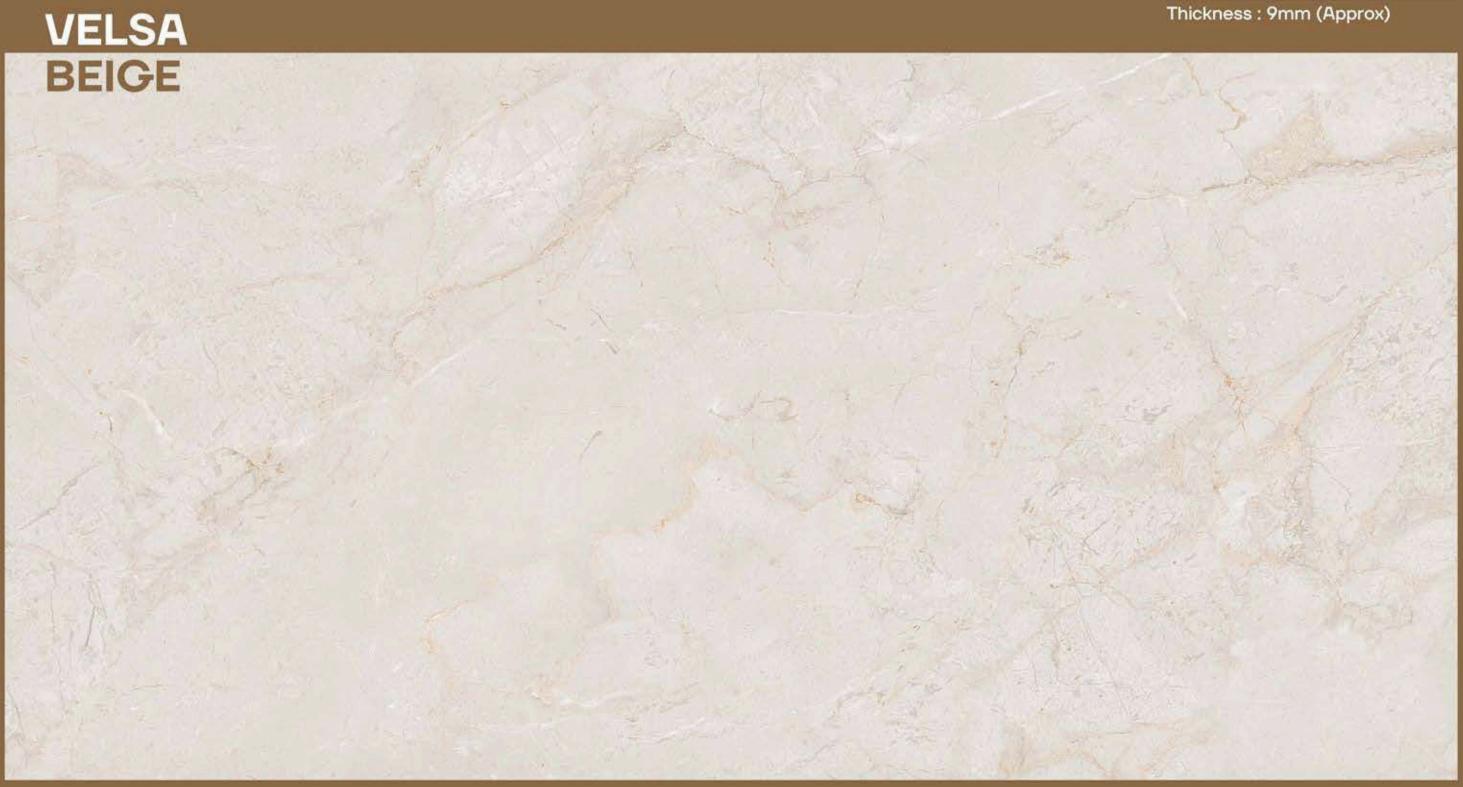




Surface : Glossy

Faces: 4 Randoms







### VELSA BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

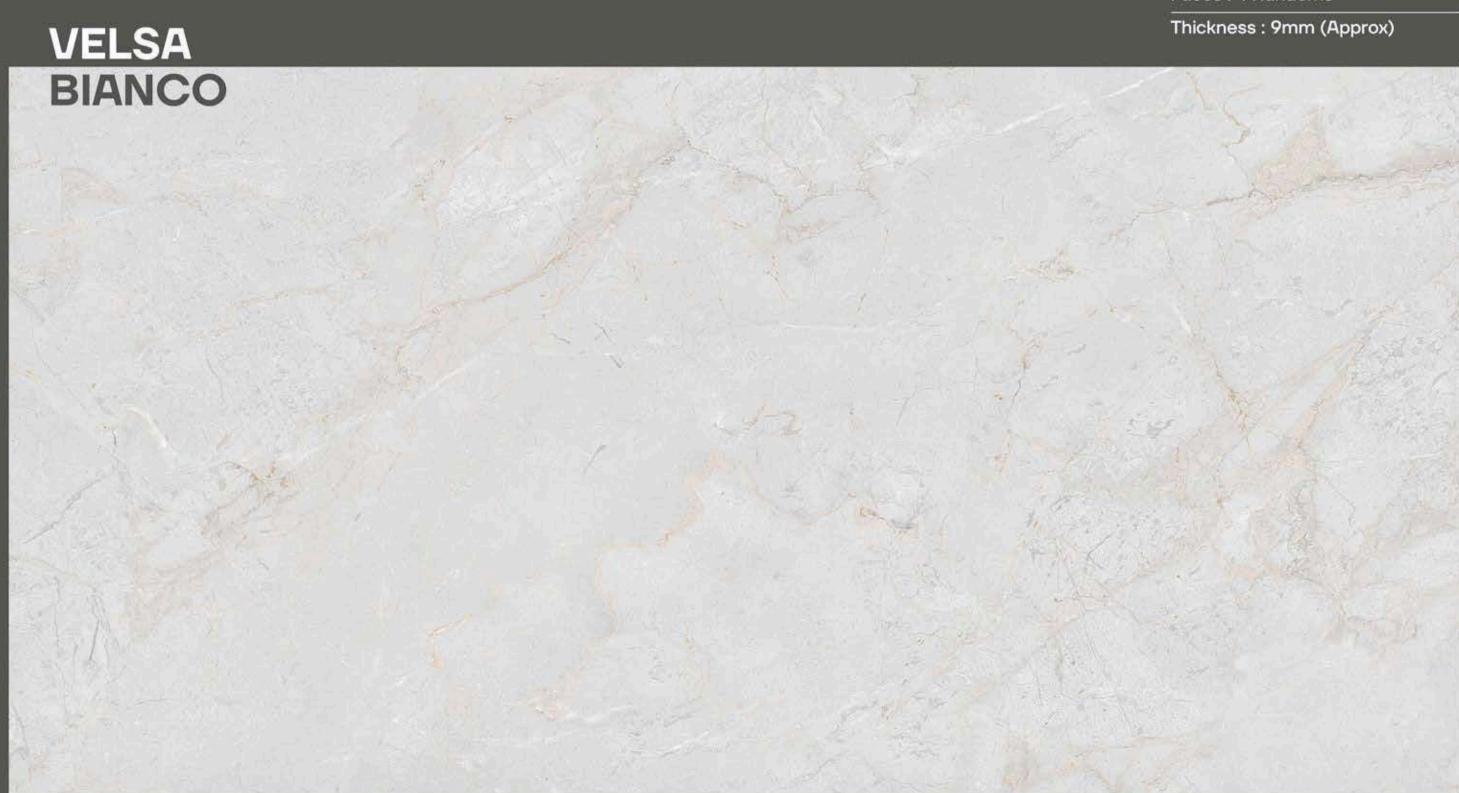
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### VELSA **BIANCO**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms











Surface : Glossy

Faces: 4 Randoms



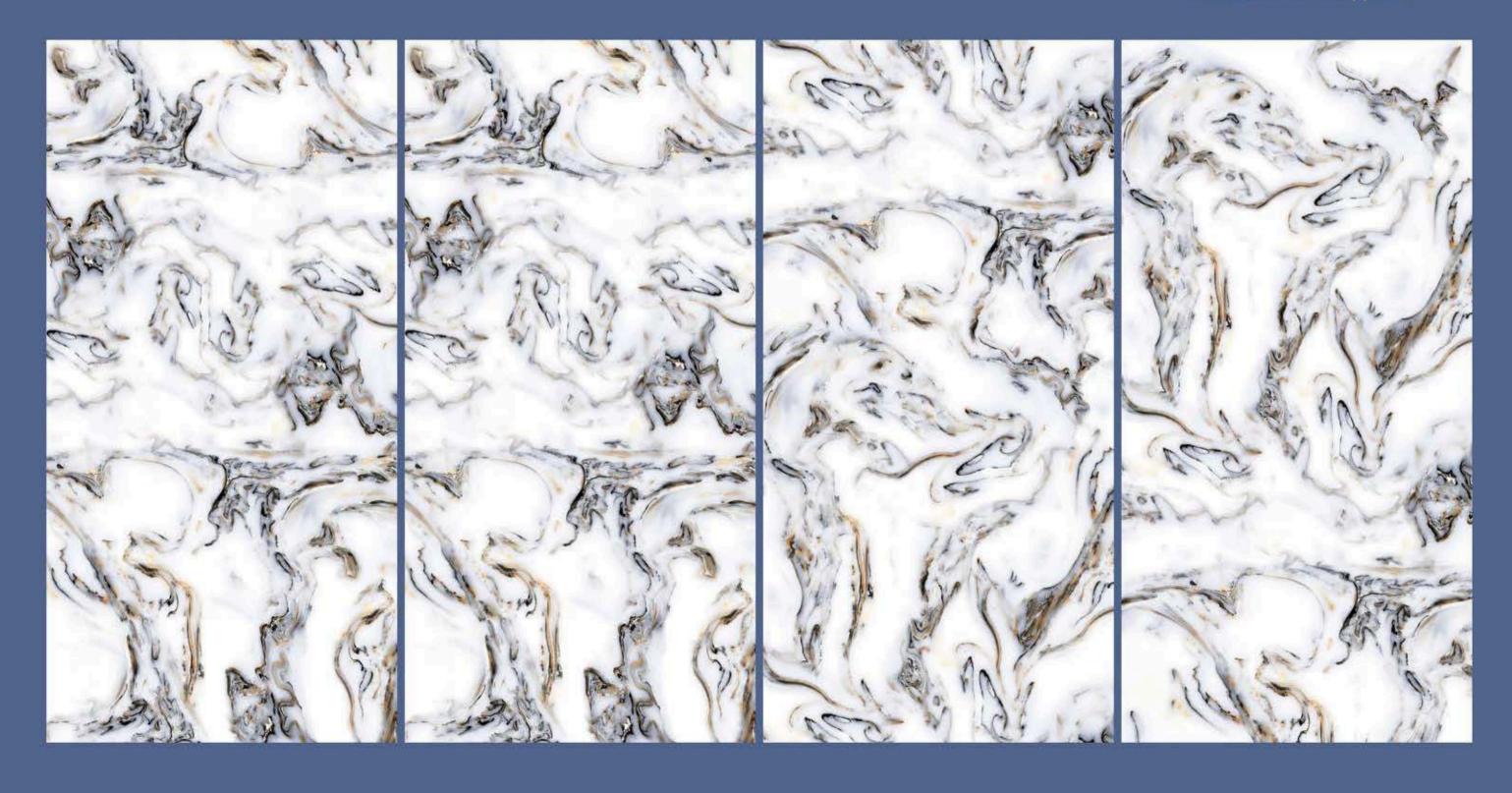


### ZURA **BLUE**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 3 Randoms





Surface : Glossy

Faces: 4 Randoms







#### ZURA **BROWN**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 3 Randoms

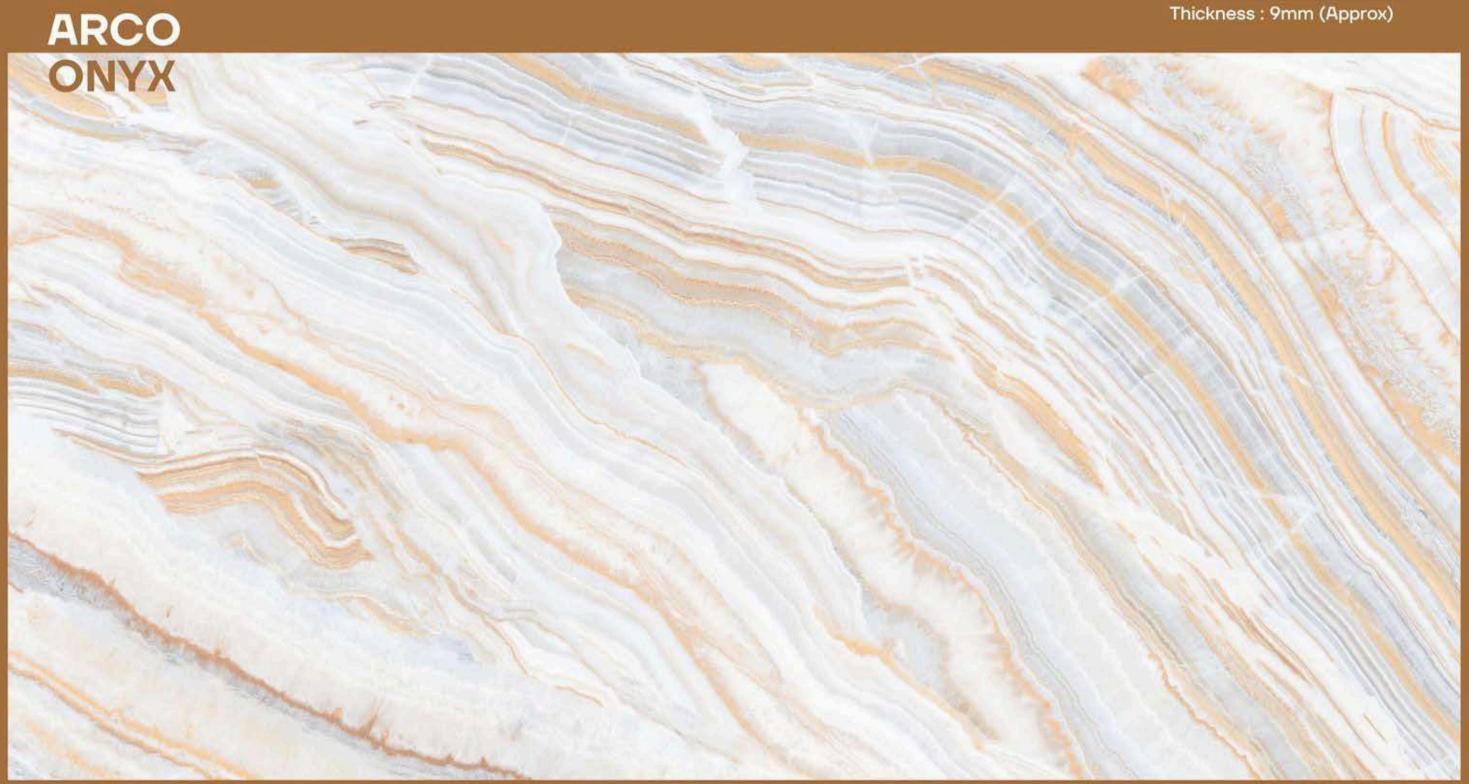




Surface : Glossy

Faces: 4 Randoms







### ARCO ONYX

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms







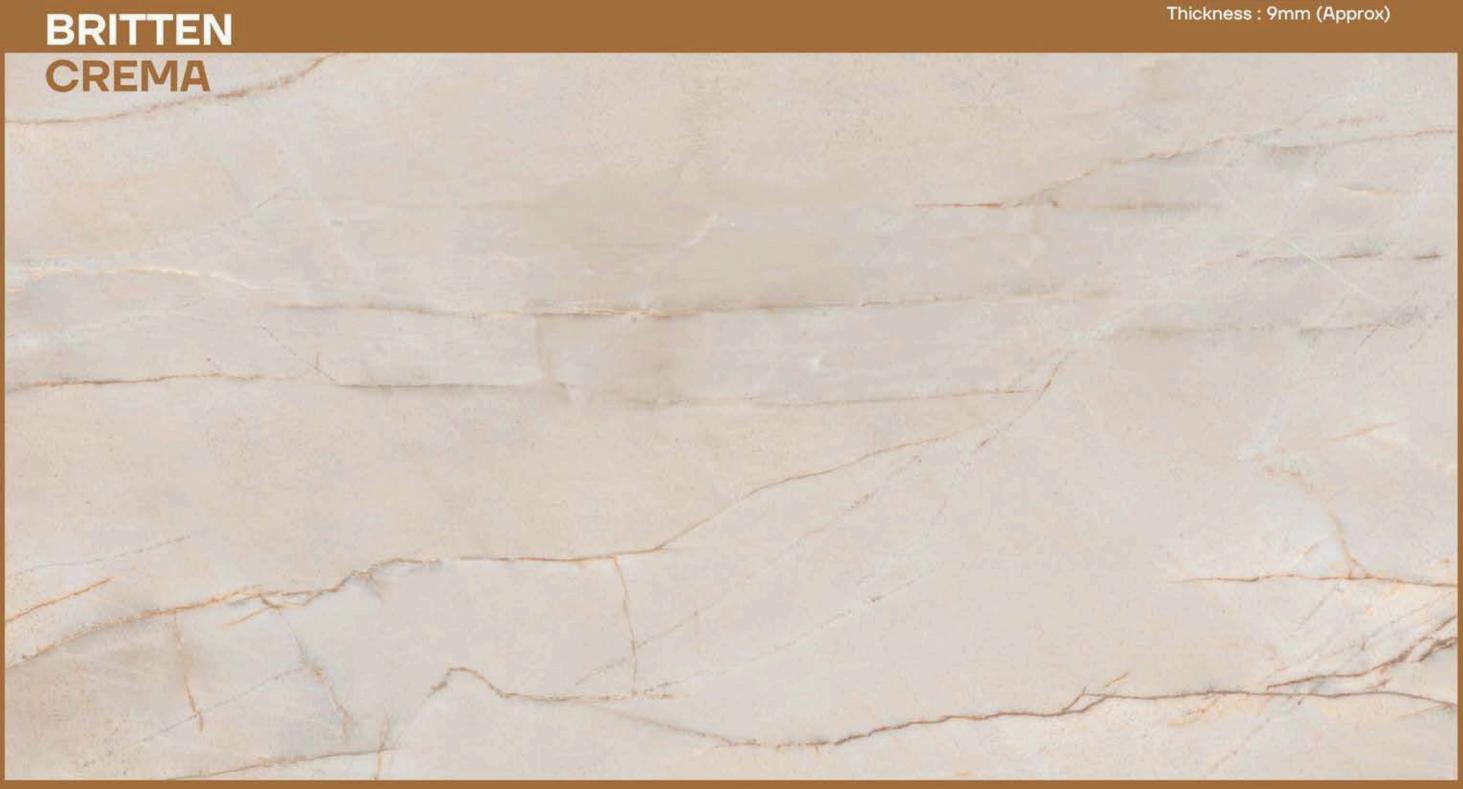




Surface : Glossy

Faces: 4 Randoms







# BRITTEN CREMA

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms

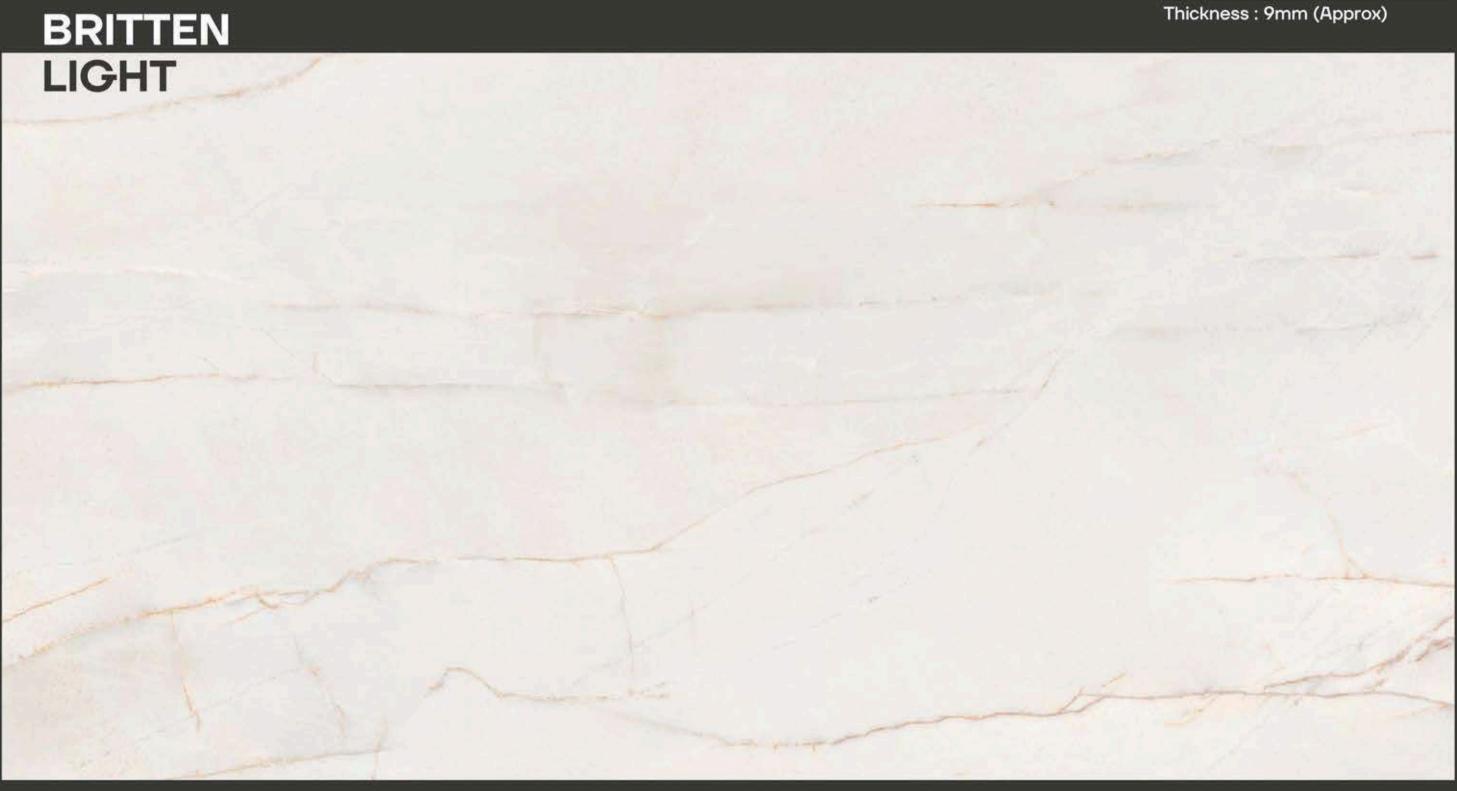




Surface : Glossy

Faces : 4 Randoms







# BRITTEN **LIGHT**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms





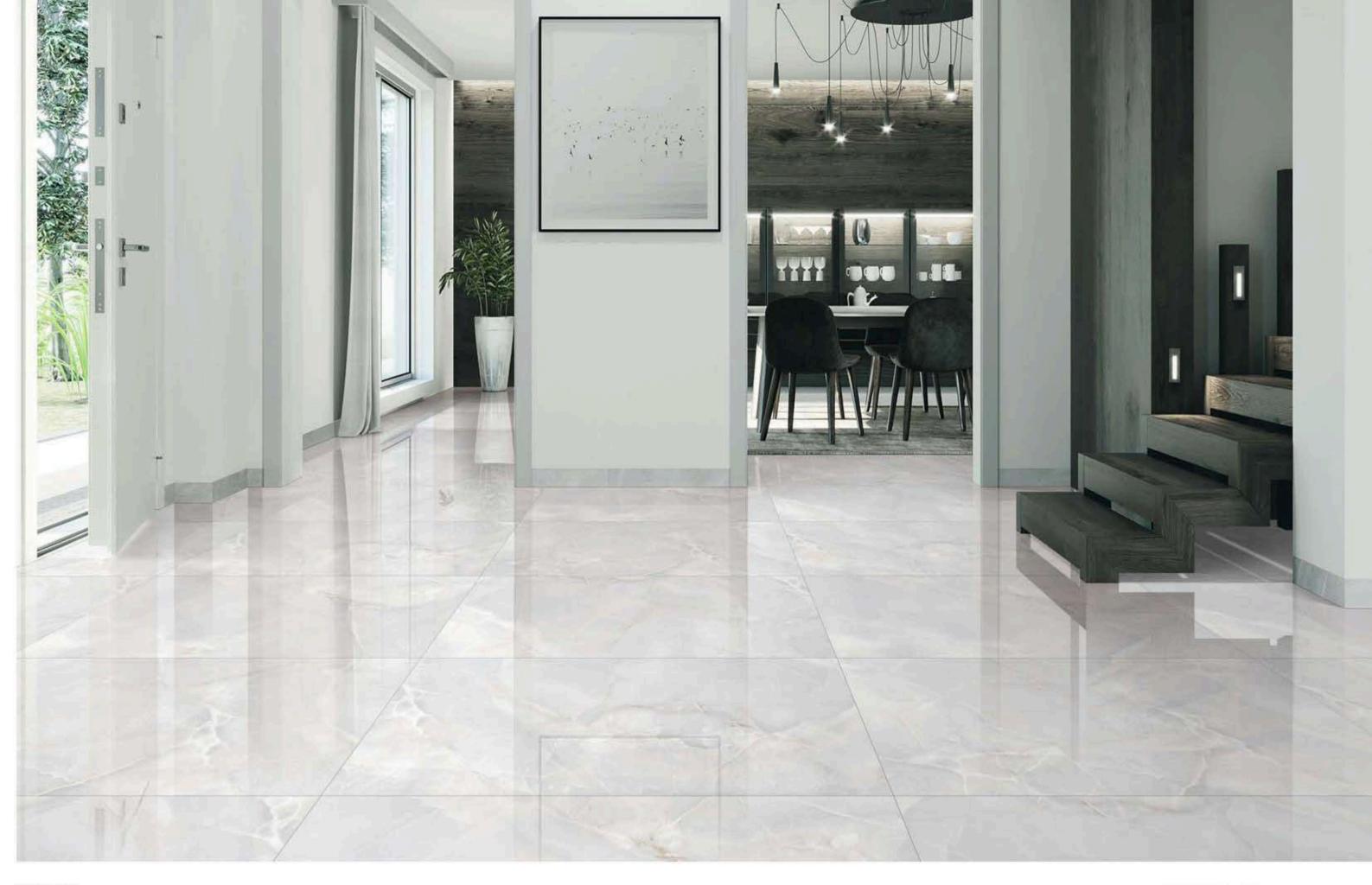
### ICE ONYX

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





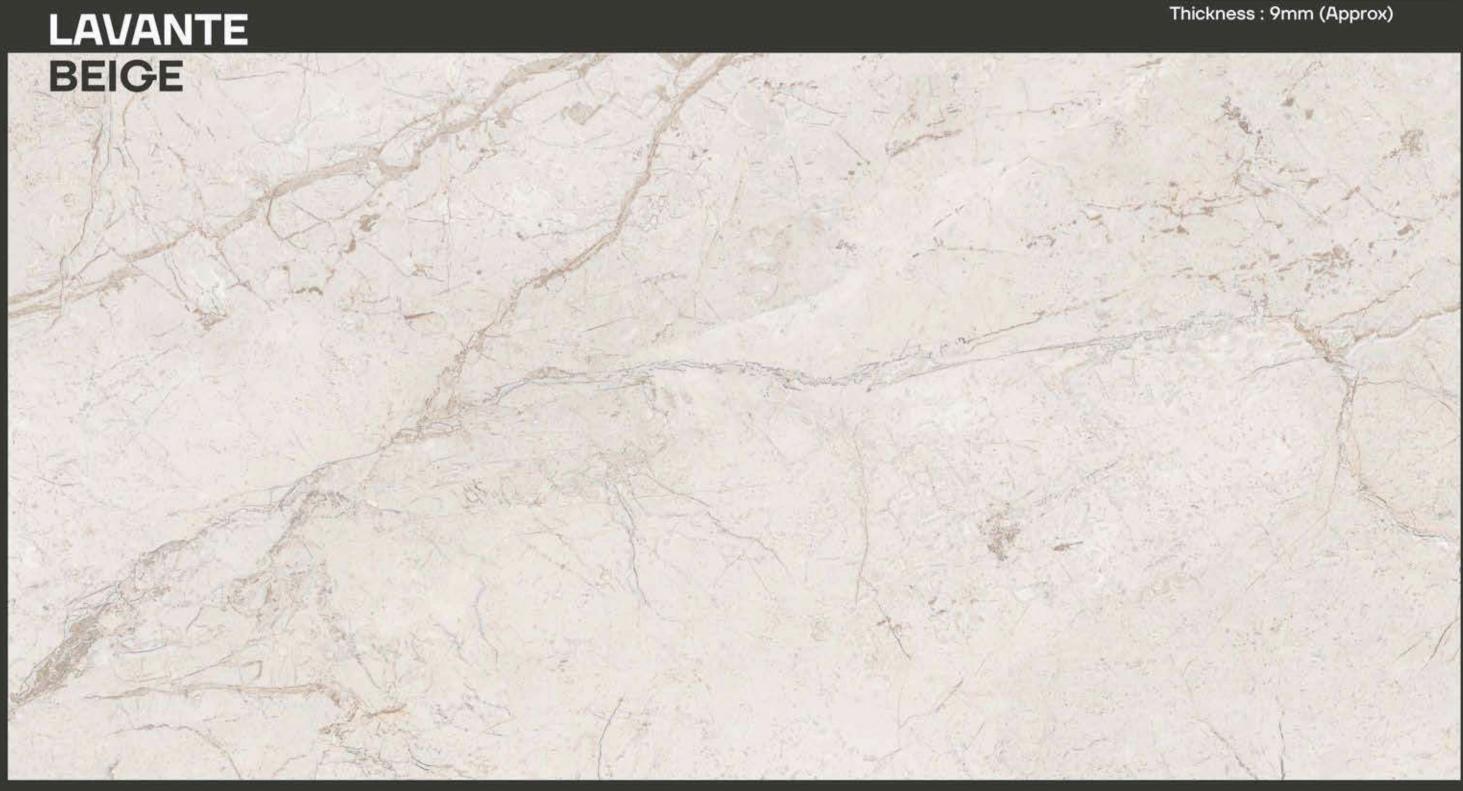






Surface : Glossy

Faces : 4 Randoms





### LAVANTE BEIGE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms











Surface : Glossy

Faces: 4 Randoms







### LAVANTE BROWN

Size: 600x1200mm | 60x120cm

Surface : Glossy

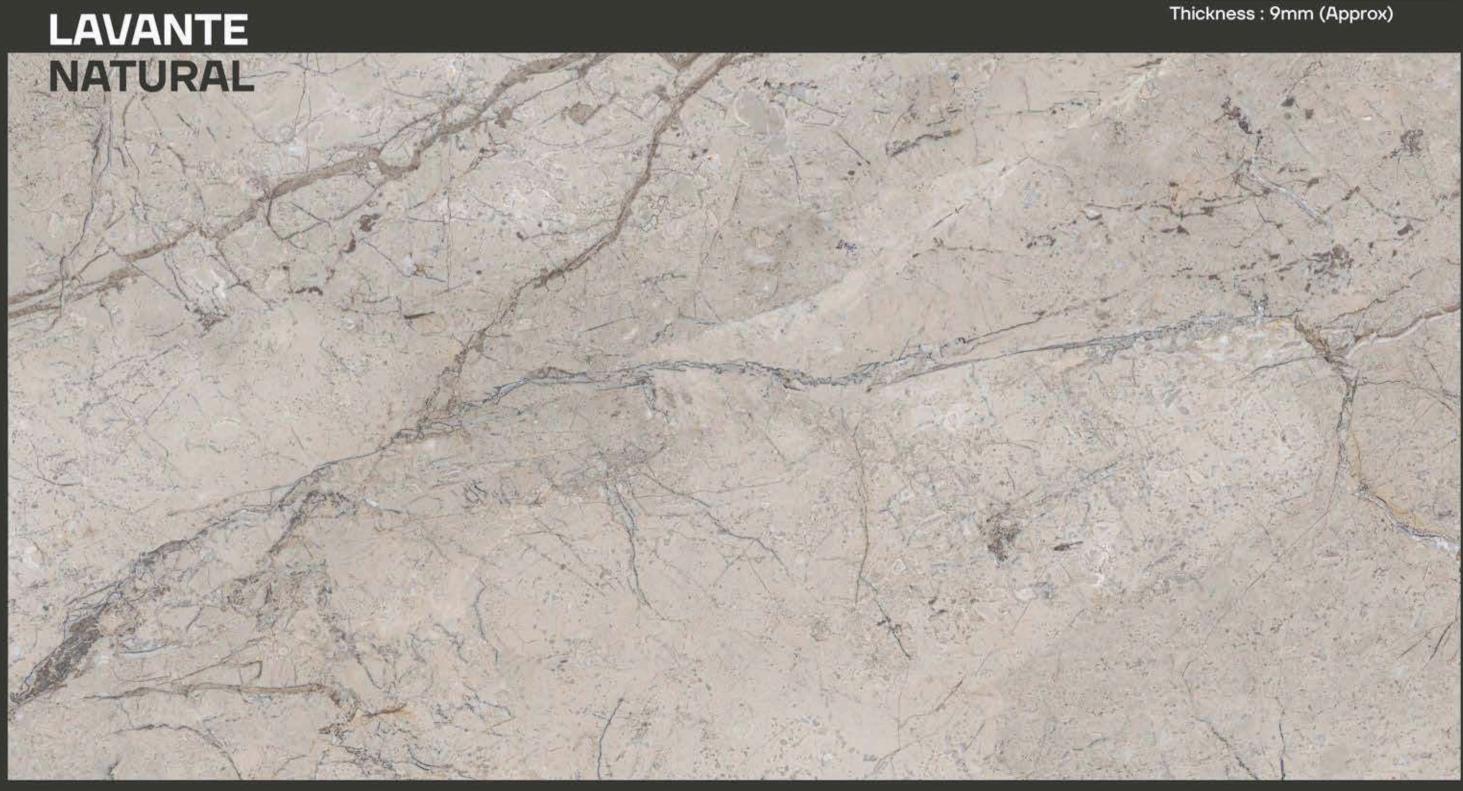
Faces: 4 Randoms





Surface : Glossy

Faces : 4 Randoms





### LAVANTE **NATURAL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces : 4 Randoms





### MACUBA GREY

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms











Surface : Glossy

Faces: 4 Randoms

Thickness: 9mm (Approx)

MACUBA WHITE

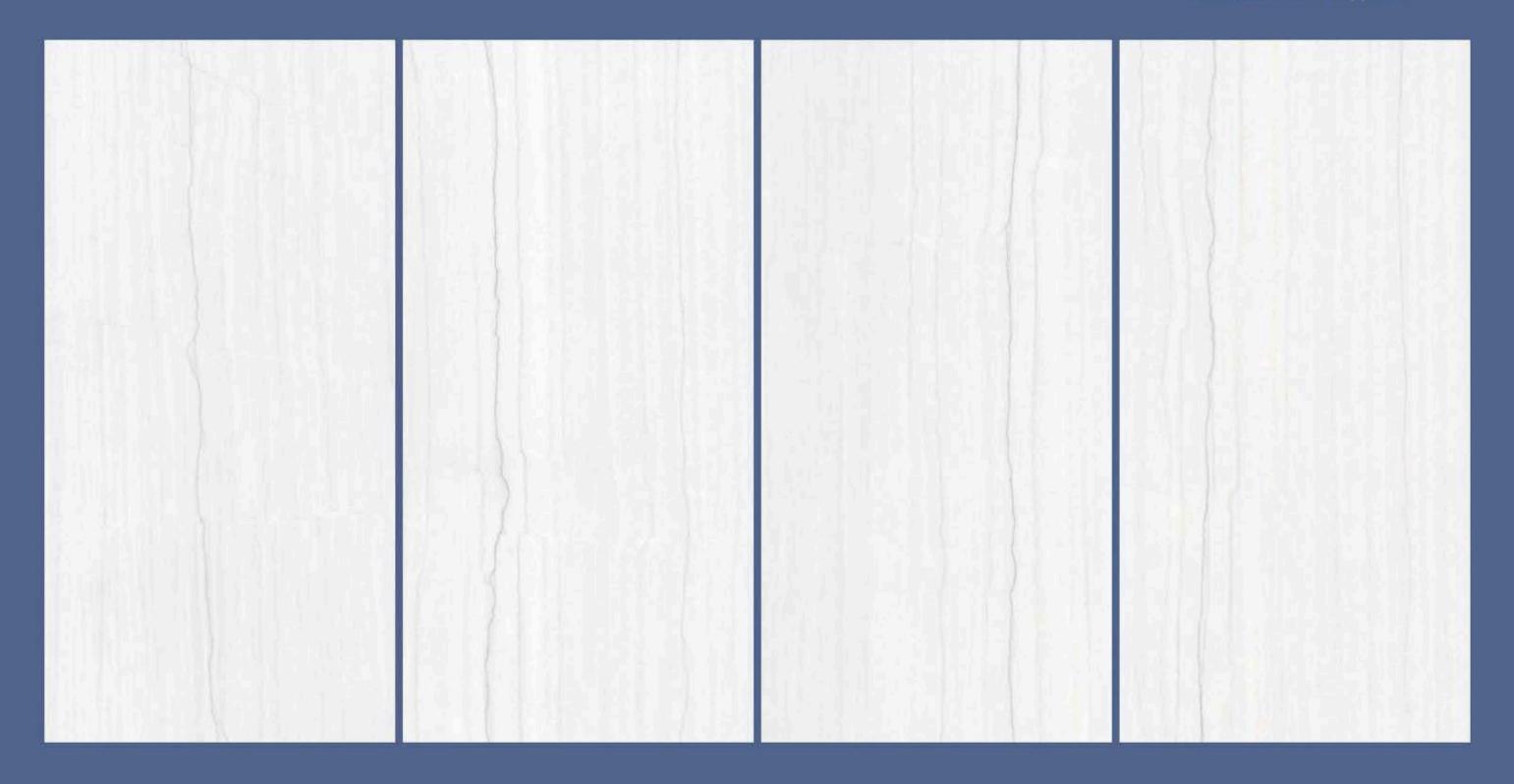


# MACUBA WHITE

Size: 600x1200mm | 60x120cm

Surface : Glossy

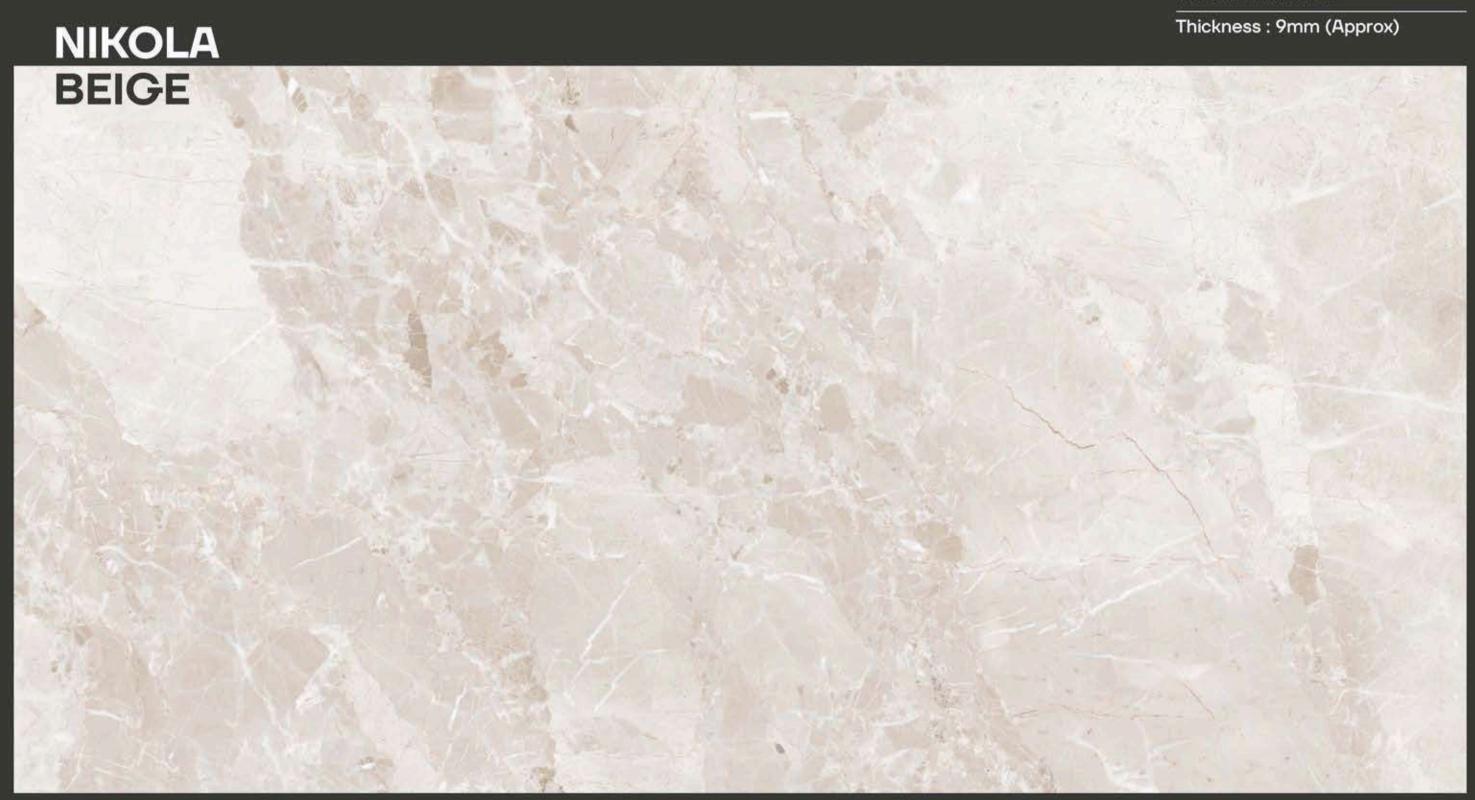
Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





# NIKOLA **BEIGE**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





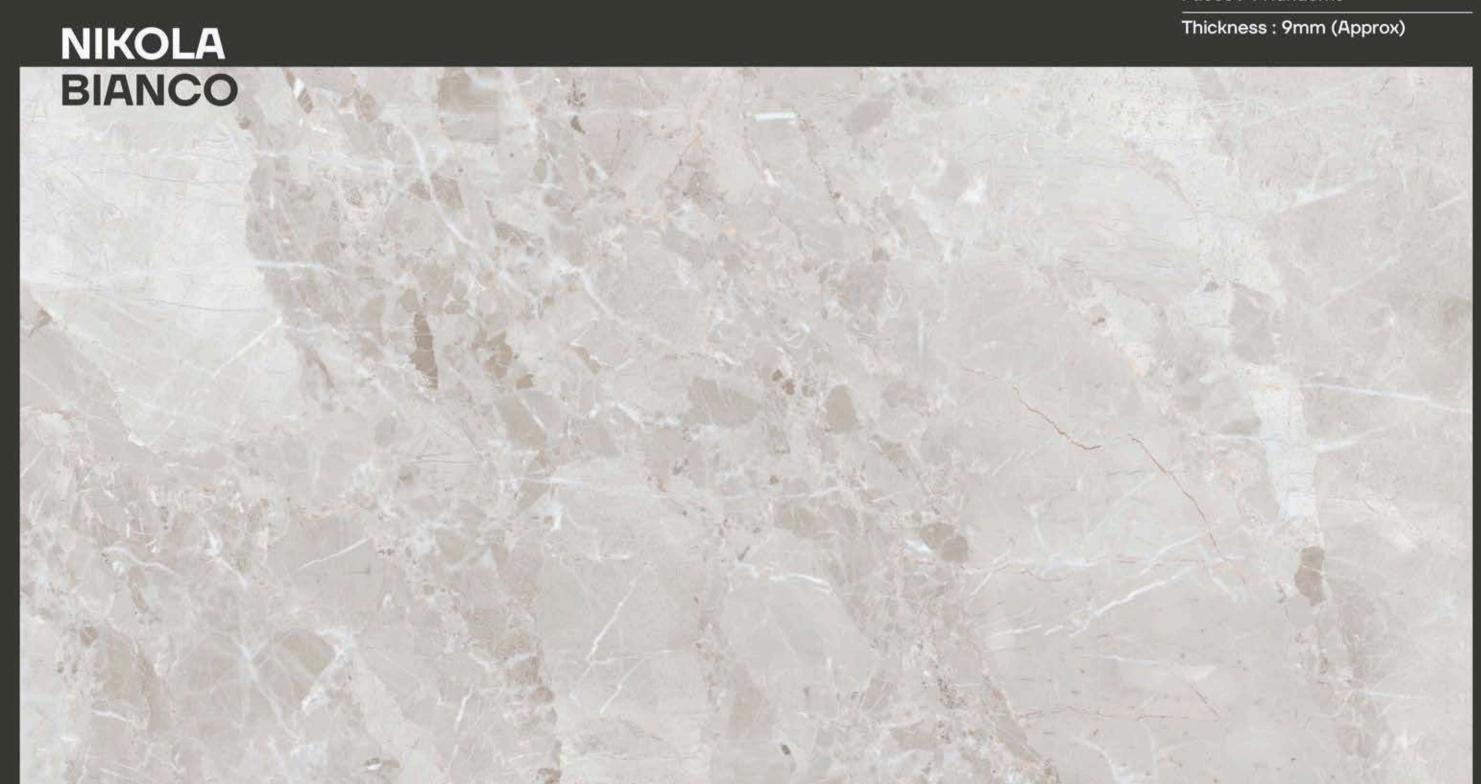






Surface : Glossy

Faces: 4 Randoms





# NIKOLA **BIANCO**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms

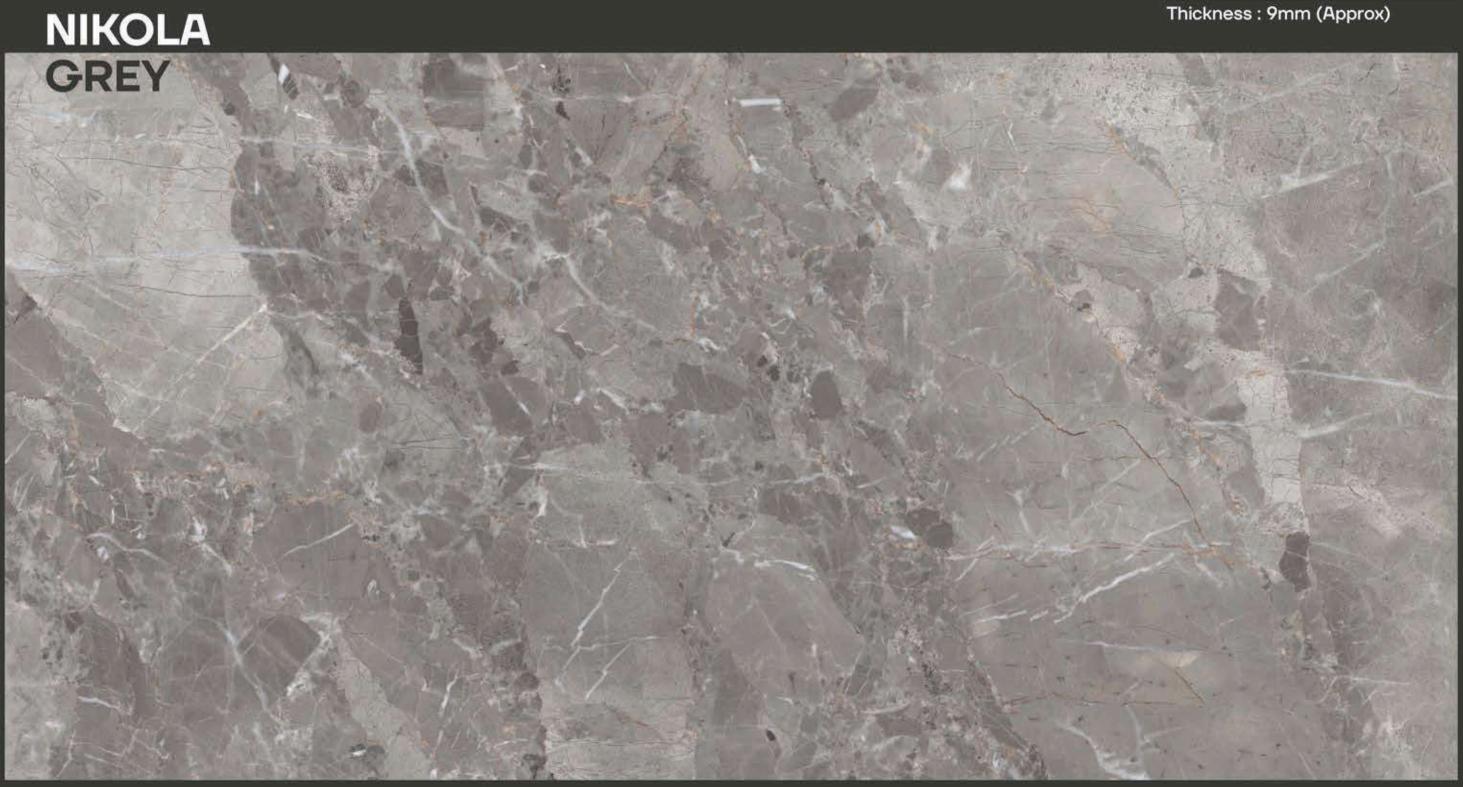




Surface : Glossy

Faces: 4 Randoms





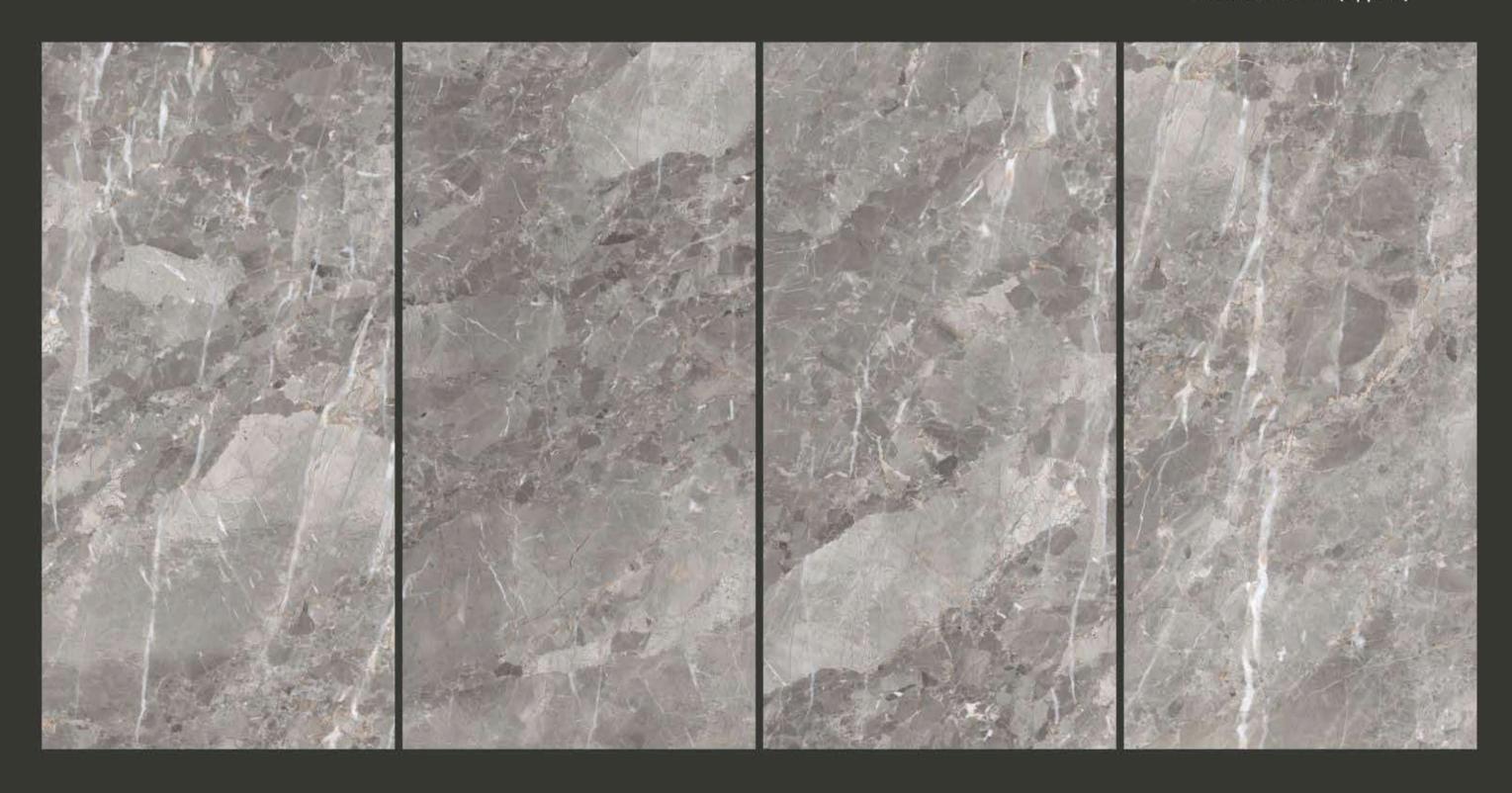


# NIKOLA **GREY**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### NIKOLA **NATURAL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms

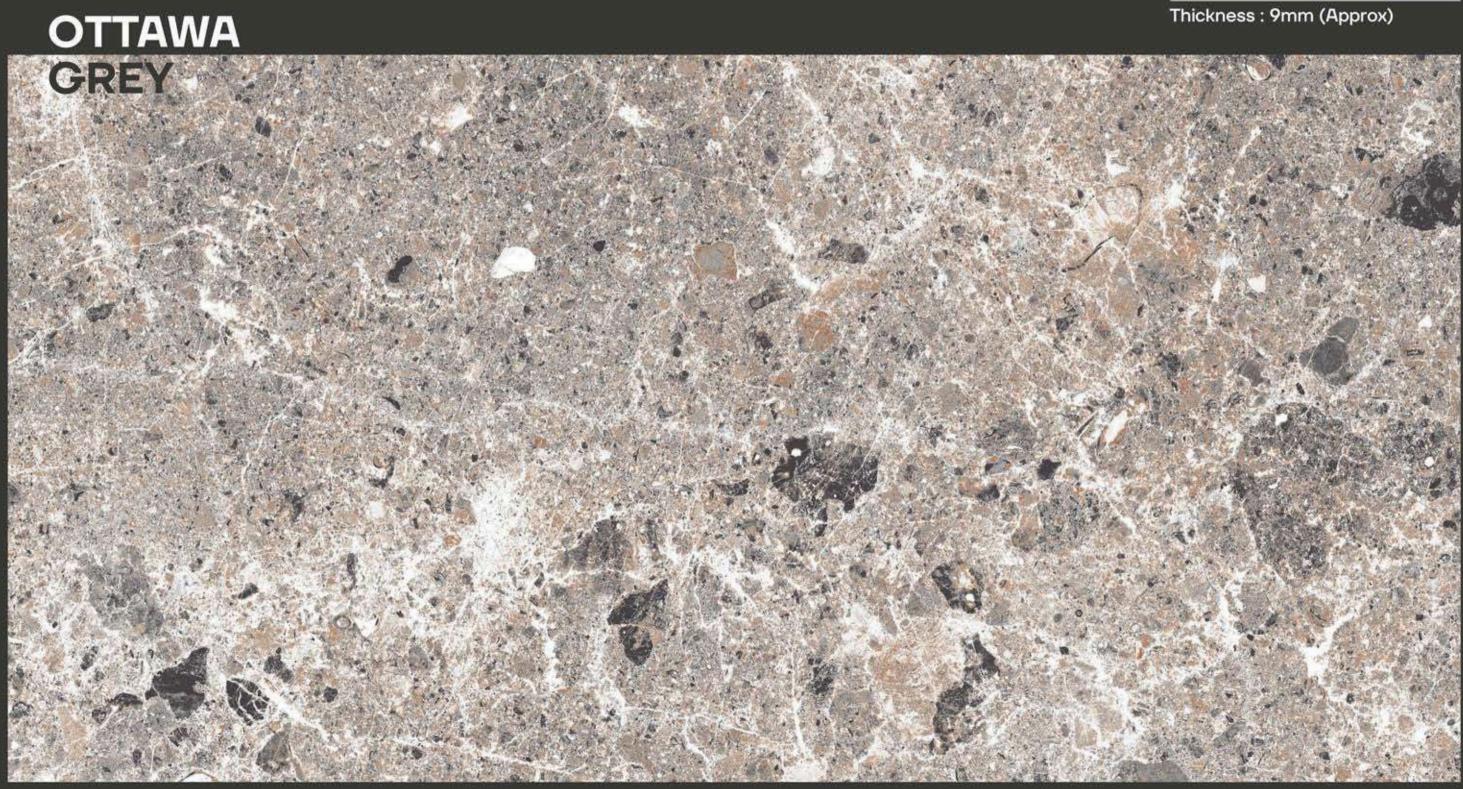




Surface : Glossy

Faces: 4 Randoms







# OTTAWA GREY

Size: 600x1200mm | 60x120cm

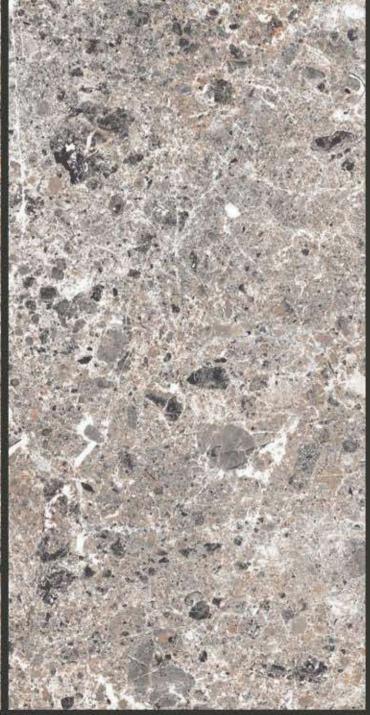
Surface : Glossy

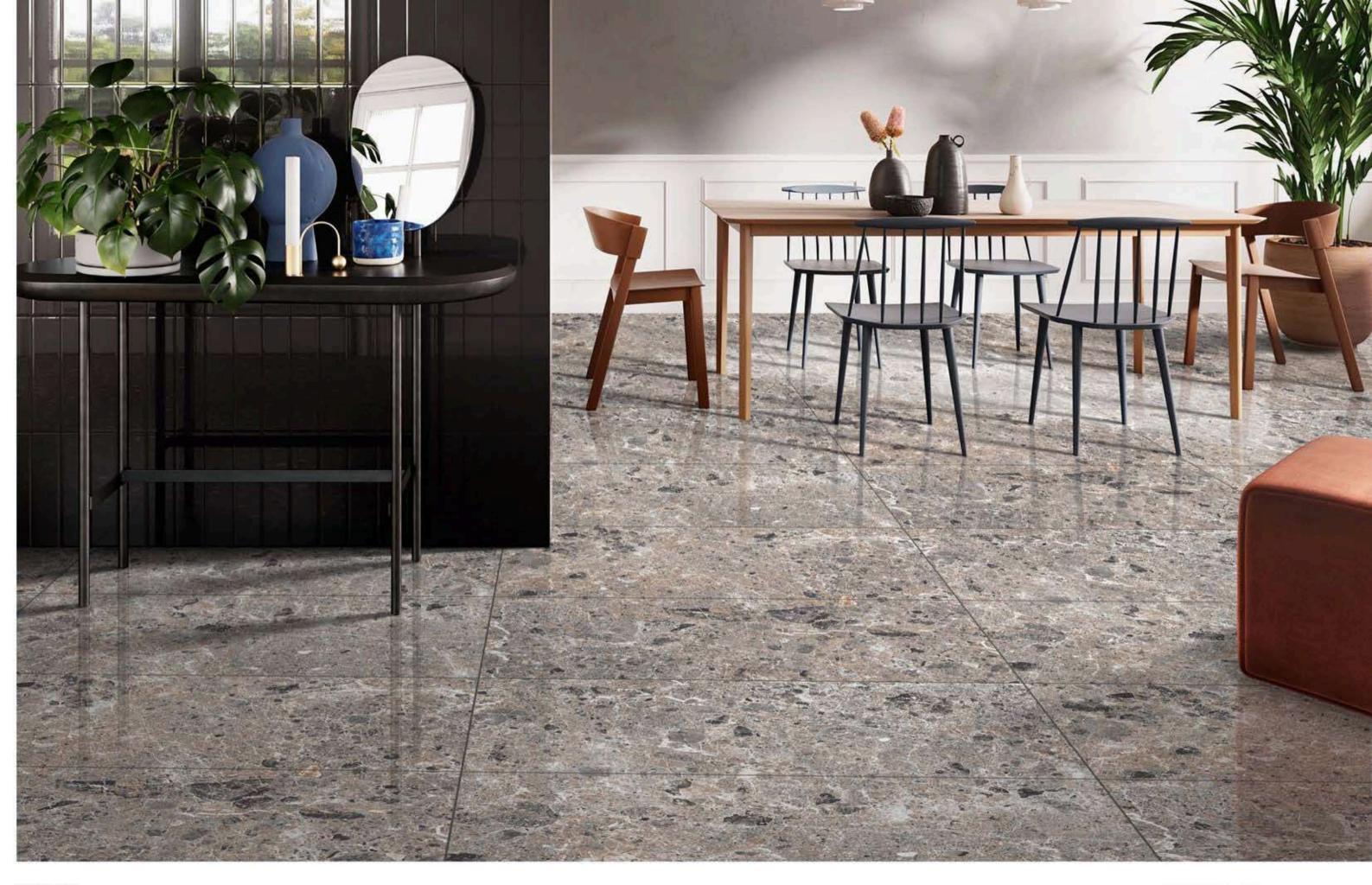
Faces : 4 Randoms











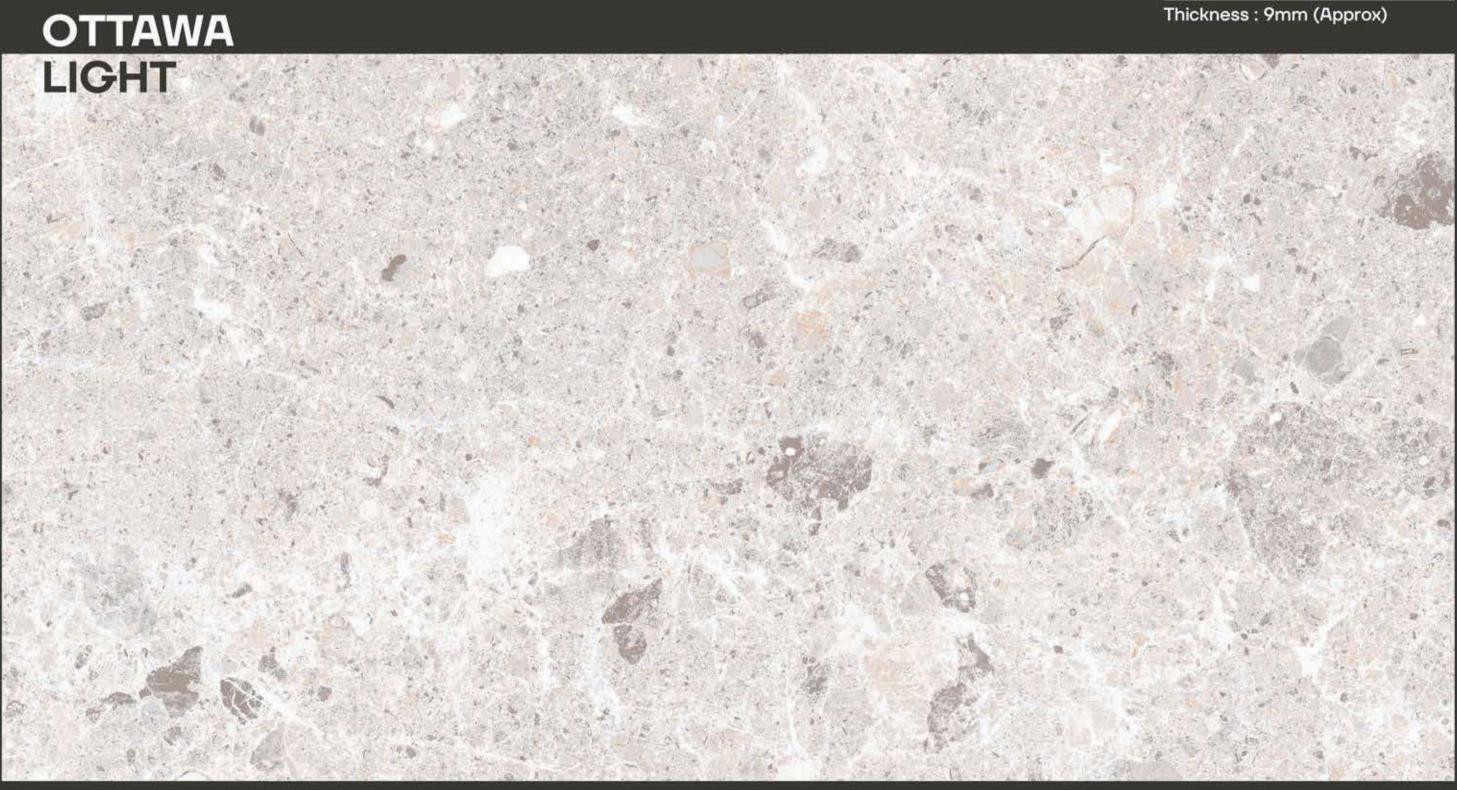






Surface : Glossy

Faces : 4 Randoms



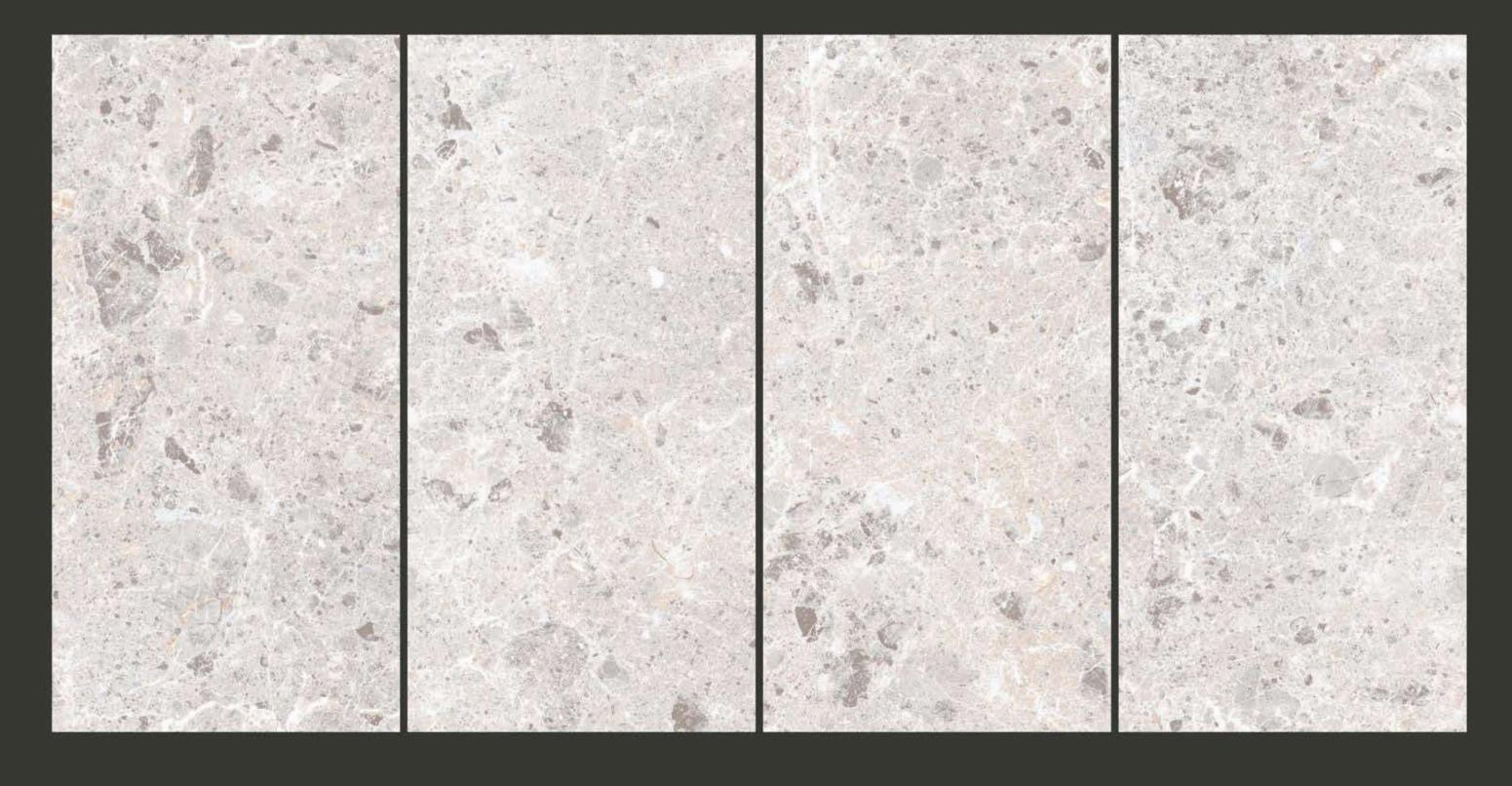


# OTTAWA **LIGHT**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms

Thickness: 9mm (Approx)

QUARTZ WHITE

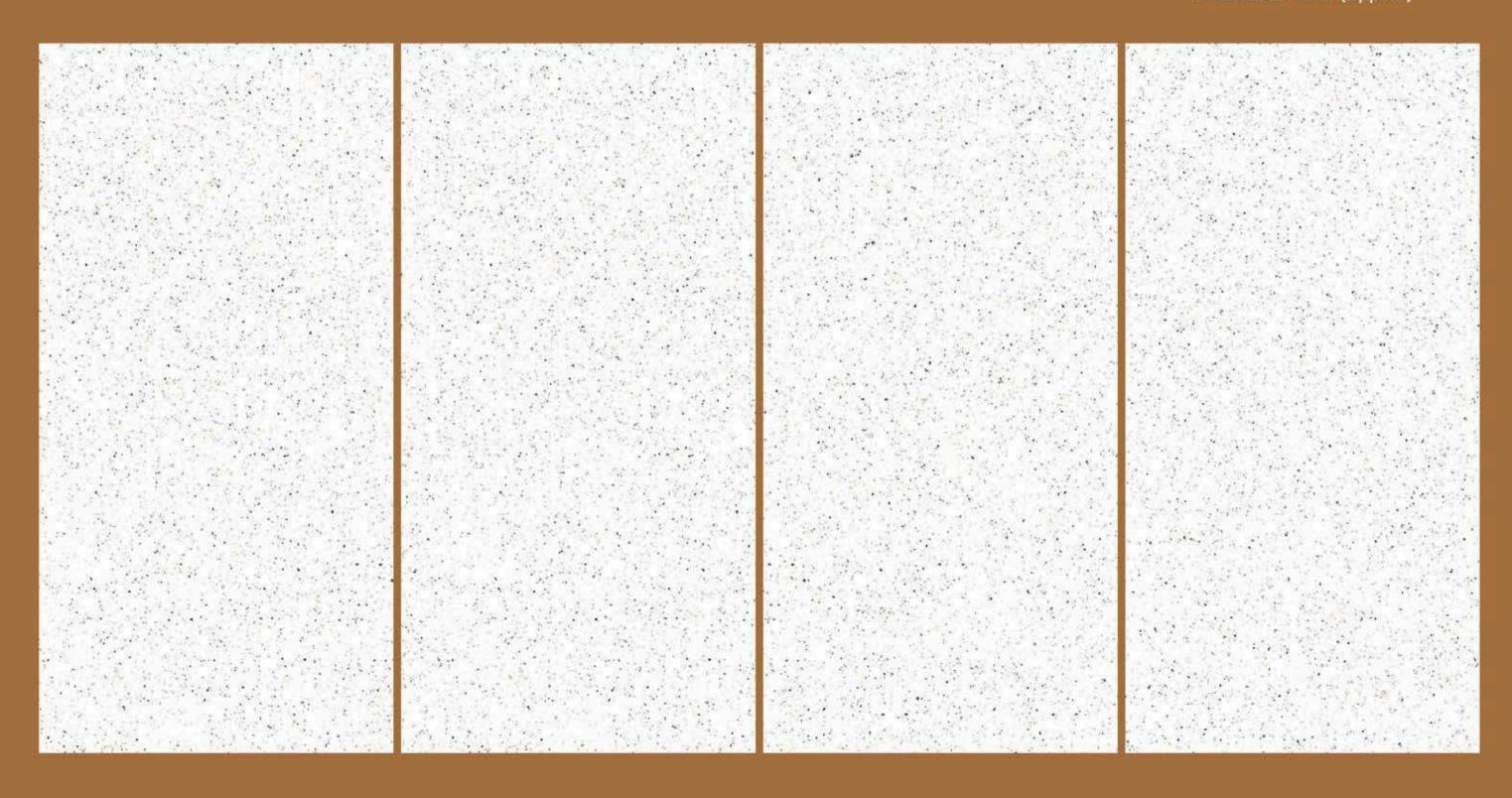


# QUARTZ **WHITE**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





DESIGN: QUARTZ WHITE





Surface : Glossy

Faces: 4 Randoms





# SAPPHIRE WHITE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms



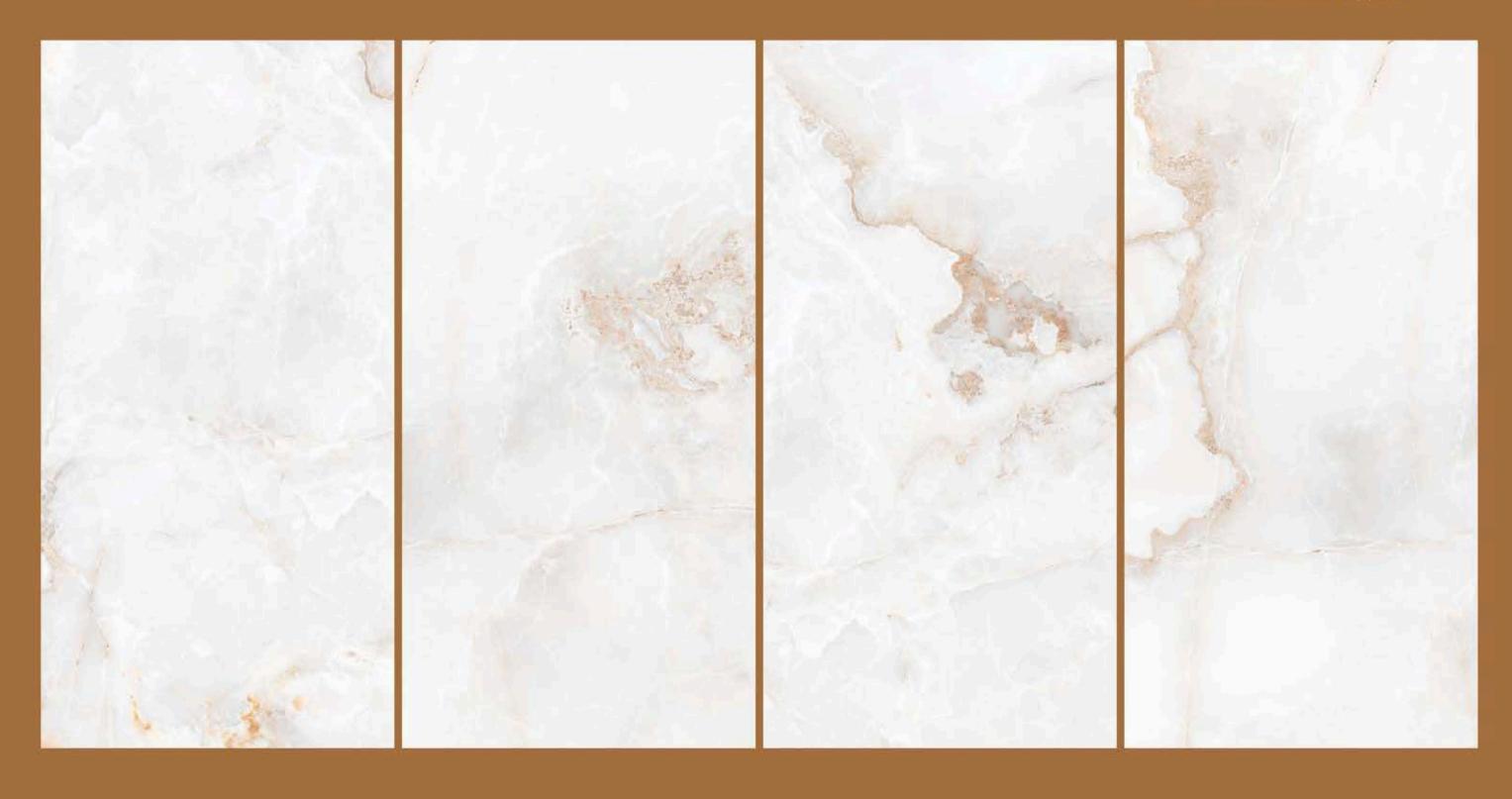


### VEXORIA BIANCO

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces : 4 Randoms





Surface : Glossy

Faces: 4 Randoms





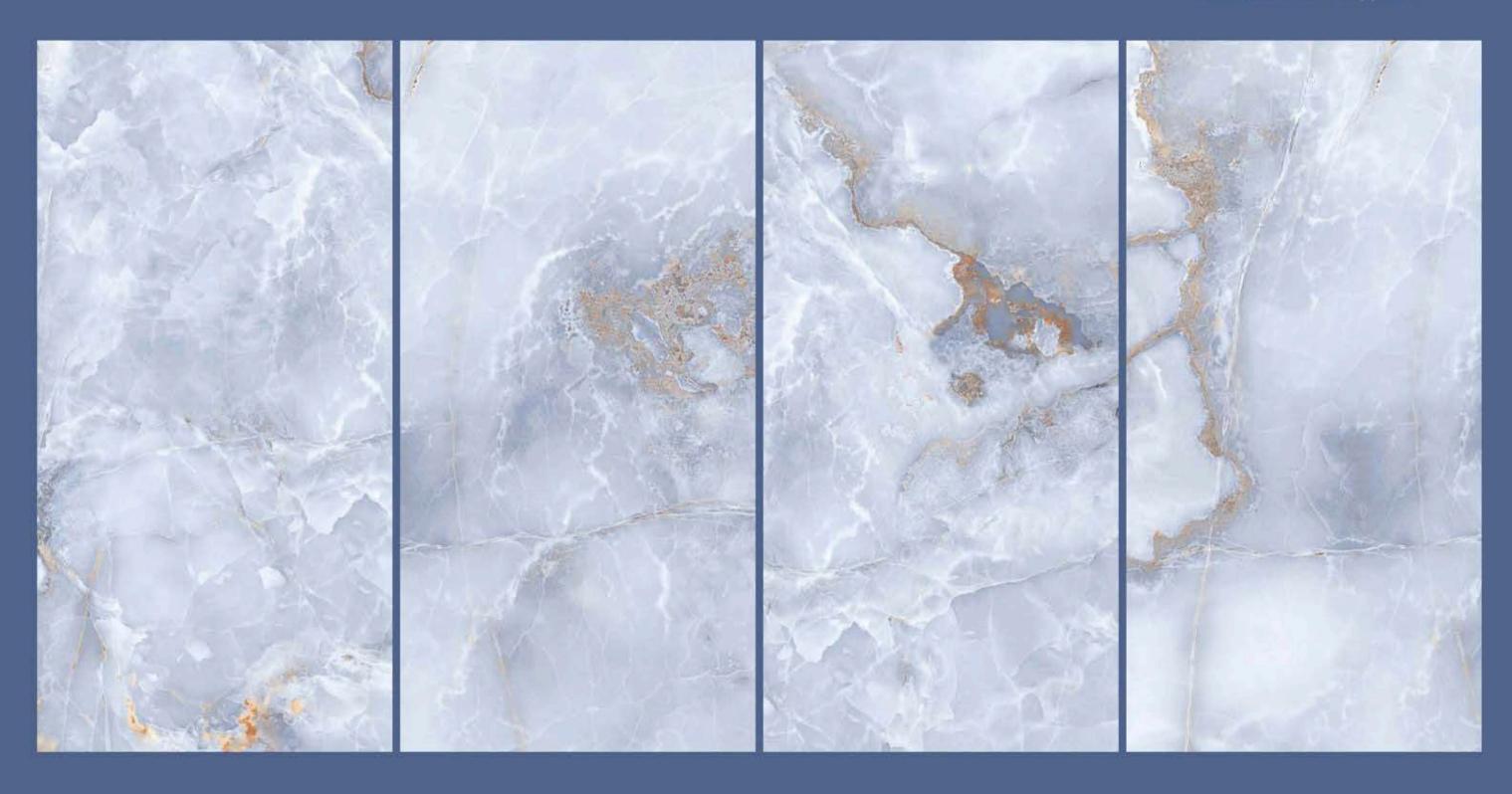


# VEXORIA BLUE

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms





Surface : Glossy

Faces: 4 Randoms





### VEXORIA **PEARL**

Size: 600x1200mm | 60x120cm

Surface : Glossy

Faces: 4 Randoms















### **CLEANING & MAINTAINANCE**

#### 1. CLEANING AFTER INSTALLATION

FOR REMOVING THE FOLLOWING RESIDUICE	TYPE OF DETERGENT	DETERGENT NAMES	
cement base grout	buffered acid based	keranet	
grout lime	Dasea	cement remover	
		deterdek pro	
		hmk r63	
		solvacid	

#### 2. EXTRAORDINARY CLEANING

FOR REMOVING THE FOLLOWING RESIDUICE	TYPE OF DETERGENT	DETERGENT NAMES	
grease dust footmarks base cleaning	multipurpose alkaline-based (1)	ps87 pro	
	discribe based (1)	intensivreiniger	
		hmk r55	
coffee coke	multipurpose alkaline-based (1)	coloured stain remover	
ruit juice	dikuline-basea (1)	super deterjet	
ine	oxidizing agent	oxidant candeggina	
calcareous deposits	acid-based (1)	viakal	
ust	acid-based (1)	acido muriatico diluito	
nks felt-tipped pen	solvent-based	diluente nitro, acqua ragio	
ен пррес рет		coloured stain remover	
neumatic ains from rubber	abrasive paste (1)	vim clorex (2)	
netals or pencils		polishing cream (2)	
		detergum (3)	
ile joint stains	specific	fuganet	
		fugenreininger	
elean on a daily basis	neutral	floor cleaner	
	universal degreaser	cleaner pro	
		pflegereiniger	
		bonamain + / bmain +	
		smac expresse sgrassatore	

### SPECIAL MAINTENANCE



#### REMOVING GLOSSY GLAZE

Standard detergents that are available in the market sometimes contain waxes or polish additives that, wash after wash, deposit glossy glaze on the floor and causes annoying marks. These types of plazes can also settle on some joint grouts.

and causes annoying marks. These types of glazes can also settle on some joint grouts.

When simply types of foods such as Coke, wine, water, etc., fall on the floor, they remove this type of glossy glaze and restore the original appearance of the tiles (a more opaque look).

In the middle of the shinier floor, the areas without wax appear as opaque marks, but they are actually the only clean parts of the floor. In these cases, the following must be done:

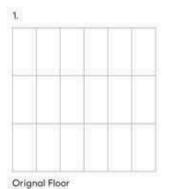
1. First of all, remove the glossy glaze from the entire floor (see table below);

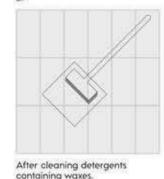
2. Then, for daily cleaning, use neutral detergents that do not contain wax or polishing glaze

NEVER USE: Waxing and impregnating agents - Acid or alkaline detergents - Abrasive pastes - Abrasive brushes or sponges.

RESIDUES TO BE REMOVED	TYPE OF DETERGENT	DETERGENT NAMES
glossy glaze	weak acidulous	tile cleaner pure (*)

(\*) Do not follow the instructions on the package, just apply the pure detergent, leave it on for 5-10 minutes, rub it with soft pads (white, yellow) and rinse it thoroughly with water.







Simple foodstuffs (Coca-Cola, wine, water etc) can remove the bright patina. The original surface is more matt.

Remove the patina with detergent (Faber tile cleaner, used neat), and use detergent without waxes for everyday cleaning.

more matt.

#### CLEANING "AFTER THE INSTALLATION"

- 1. Cleaning "after the installation" helps remove residues of grout-joints, cement and lime. This is obligatory at the end of the installation, for glazed tiles and unglazed tiles.
- 2. If the cleaning "after the installation" is not carried out properly or if is not carried out at all, is often a cause of marks that prevent the floor from being clean even if a good daily cleaning is performed.
- 3. Whenever is possible, especially for medium to large surfaces, it is advisable to use a single-brush machine with soft disks (white or beige).
- 4. cleaning cement-based grouts mixed with water.
- It is carried out with specific detergents based with buffered and diluted acids. The table below shows some of these detergents, which are easily available in the market.

#### INSTRUCTIONS ON HOW TO CLEAN "AFTER THE INSTALLATION"

- 1. Clean 4-5 days after the grouting (the grout must be hardened); do not wait over 10 days. In addition to this period, the cleaning can become very laborious,
- 2. Moisten the floor with water before cleaning. This way the groutings are soaked with water and the contact with detergents is reduced.
- 3. Let the detergents operate for limited periods, hence rinse out with water as soon as possible.
- 4. It must not be carried out if the tiled surfaces are very hat (i.e. exposed to the sun during very warm days); this must be avoided as the action of aggressive chemicals become very harsh. On the summer, proceed with the operation during the coolest period of the day.
- 5. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for Lapped or Polished products.
- 6. cleaning for epoxy, bi-component and reagent grauts in these cases the removal must be carried out immediately and carefully following the recommendations of the manufacturers, as these grout harden very fastly, even in a few minutes. Please carefully follow the cleaning mode specified by the manufacturer of the graut used; verify its effectiveness (backlight also) with a preliminary cleaning test before grouting the entire floor/wall.
- 7. "Antislip" tiles that are made with rough and/or textured surfaces must be cleaned very lobariously. Therefore, it is advisable to clean "after the installation", quickly and thoroughly, using a single-brush machine with disks white and beige.

### LAYING INSTRUCTION



#### DRY LAYING ON GRASS

In the case of a grass surface, the paving should be laid dry without the use of adhesives. This installation technique is simple, ecological, and can be carried out without specialised personnel. This technique is ideal for capid creation of elegant paths in public parks and private garders.

#### LAYING ON GARVEL

The different installation methods make it possible to create complex spaces while ensuring visual uniformity, even when working on diverse substrates. In the presence of a gravel substrate, the floor surface can be installed simply by placement of the tiles without the use of adhesives. This method streamlines the levelling procedure and also guarantees excellent stability. The solution allows the creation of decorative effects using gravel and pebbles of different particle sizes and colours.





#### LAYING ON SCREED WITH ADHESIVE

The technical characteristics of the glazed vitrified tiles are perfectly compatible also with sandy substrates. This makes the system especially suitable for public areas in the proximity of beaches and in beach bars. Resistant to the action of solar UV radiation and prolonged contact with salt, Impervious to wear caused by sand abrasion. In addition, the RTI A+B+C surface is an advantage for the safety of holiday makers, installed completely dry, the tiles are the ideal practical and robust solution for seasonal businesses requiring periodic setup and removal operations, such as klosks or temporary structures in general installed on beaches.

#### LAYING ON RAISED FLOOR

The Saans' 9mm glazed vitrified tiles are composed of pedestals to raise the floor surface with respect to the base level, resulting in the creation of an underfloor void that can be used to route electrical cables and pipework easily. This allows inspection of technical systems at any time and simple replacement of components if necessary. The system is assembled without adhesives. Dry assembly of the structure is extremely effective in applications where correct drainage is important.





#### TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 GrBIa	MEAN VALUE OF OUR COMPANY	TEST METHOD	
Regulatory Properties				
Deviation in length and width	= 0.30 % (±1.00mm)	= 0.10 %	ISO 10545-2	
Deviation in thickness	± 5.00 % (±0.50mm)	± 4.00 %	ISO 10545-2	
Straightness in side	± 0.30 % (±0.80mm)	± 0.10 %	ISO 10545-2	
Rectangularity	± 0.30 % (±1.50mm)	± 0.10 %	ISO 10545-2	
Surface flatness central curvature	= 0.40 % (±1.80mm)	± 0.20 %	ISO 10545-2	
Surface flatness edge curvature	± 0.40 % (±1.80mm)	= 0.20 %	ISO 10545-2	
Surface flatness warpage	± 0.40 % (±1.80mm)	± 0.10-%	ISO 10545-2	
Surface quality	> 95% defects free	> 95% defects free	ISO 10545-2	
Small Color Difference(For Plain Color)	#E <100	■E < 0.30	ISO 10545-16	
Glossiness (Polished)	as per mfg.	Gloss Value > 90	Glossmeter 60°	
Glossiness (Matt)	as per mfg.	3" « GLOSS « 7"	Glossmeter 60"	
Glossiness (satin/Posh)	as per mfg.	7" < GLOSS < 18"	Glossmeter 60°	
Structural Properties	6 mm m m m m m m m m m m m m m m m m m	The second secon	C LANGE OF THE PROPERTY OF THE PARTY OF THE	
Water absorption	0.50 % s Ev s 3.00 %	0.060 % \$ Ev \$ 3.00 %	ISO 10545-3	
Bulk density	as per mfg.	> 2:28 gm/cc	ISO 10545-3	
Massive Mechanical Properties -	NSWESSERM NO	A-MICO-CAUCTA-Deci	CATEGORIA STANCES	
Modulus of rupture	Min. 30.0 N/mm²	Min. 35.0 N/mm <sup>2</sup>	ISO 10545-4	
Breaking strength thickness ±7.5	Miri. 700:0 N	Min. 1000.0 N	ISO 10545-4	
Breaking strength thickness ±7.5	Min. 1100:0 N	Min. 1300.0 N	ISO 10545-4	
Breaking strength thickness ≥7.5(Far ≥15mm)	Min. 1100.0 N	Min. 1800.0 N	ISO 10545-4	
Surface Mechanical Properties				
MOH'S hardness	as per mfg.	Polished Min 4* / Satin, Posh & Matt Min 6	BS EN 15771	
Surface abrasion resistance	as per mfg.	Polish Min. Class 2, Satin & Posh Min. Class 3, & Matt Min. Class 4	ISO 10545-7	
Deep abrasion resistance	Max. 175mm 1	Max. 132mm <sup>1</sup>	ISO 10545-6	
Thermal Hydrometric Properties —————			,	
Moisture expansion	Max. 0.06%(0.6mm/m)	0.02mm/m	ISO 10545-10	
Thermal expansion(COE) at 100°C	as per mfg.	Mgx. 6.0 x 10 <sup>4</sup>	ISO 10545-8	
Thermal shack resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9	
mpact resistance(COR)	Min. 0.55	Min. 0.55	ISO 10545-5	
Frost resistance	as per mfg.	Frast Proof	ISO 10545-12	
Chemical Properties ————————————————————————————————————	NAME OF THE PARTY	To the supervisor of	11100 + 772 (4.0.00.00.00.00.00.00.00.00.00.00.00.00.	
Resistance to staining glozed	Min. Class 3	Min. Class 4	ISO 10545-14	
Resistance to household chemicals & swimming pool salts glazed	Min. Class GB	Min. Class GA	ISO 10545-13	
Resistance to law concentrate acid and alkalis glazed	as per mfg.	Min, Class GLA**	ISO 10545-13	
Resistance to high concentrate acid and alkalis unglazed	as per mfg.	Min, Class GHB"	ISO 10545-13	
Safety Properties ————————————————————————————————————				
Skid resistance COF-WET PENDULAM)##	as per mfg.	Glossy P0(<12),Satin, Posh =P1(12-24) Matt =P2(25-34)	BS 7976-2	
Slip resistance - (Satin / Matt (DCOF) (R value)##	as per mfg.	R9 to R13**	DIN 51130	
Fire resistance	as per mfg	Fire Proof	N.A.	

#### PACKING DETAILS

PRODUCT	SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	WEIGHT
GVT-PGVT	600x 1200mm	9mm	2 pcs.	144 sq. mtr.	27 KG (APPROX)



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