



600x600MM
EXTERIOR & INTERIOR

CATALOGUE 2023



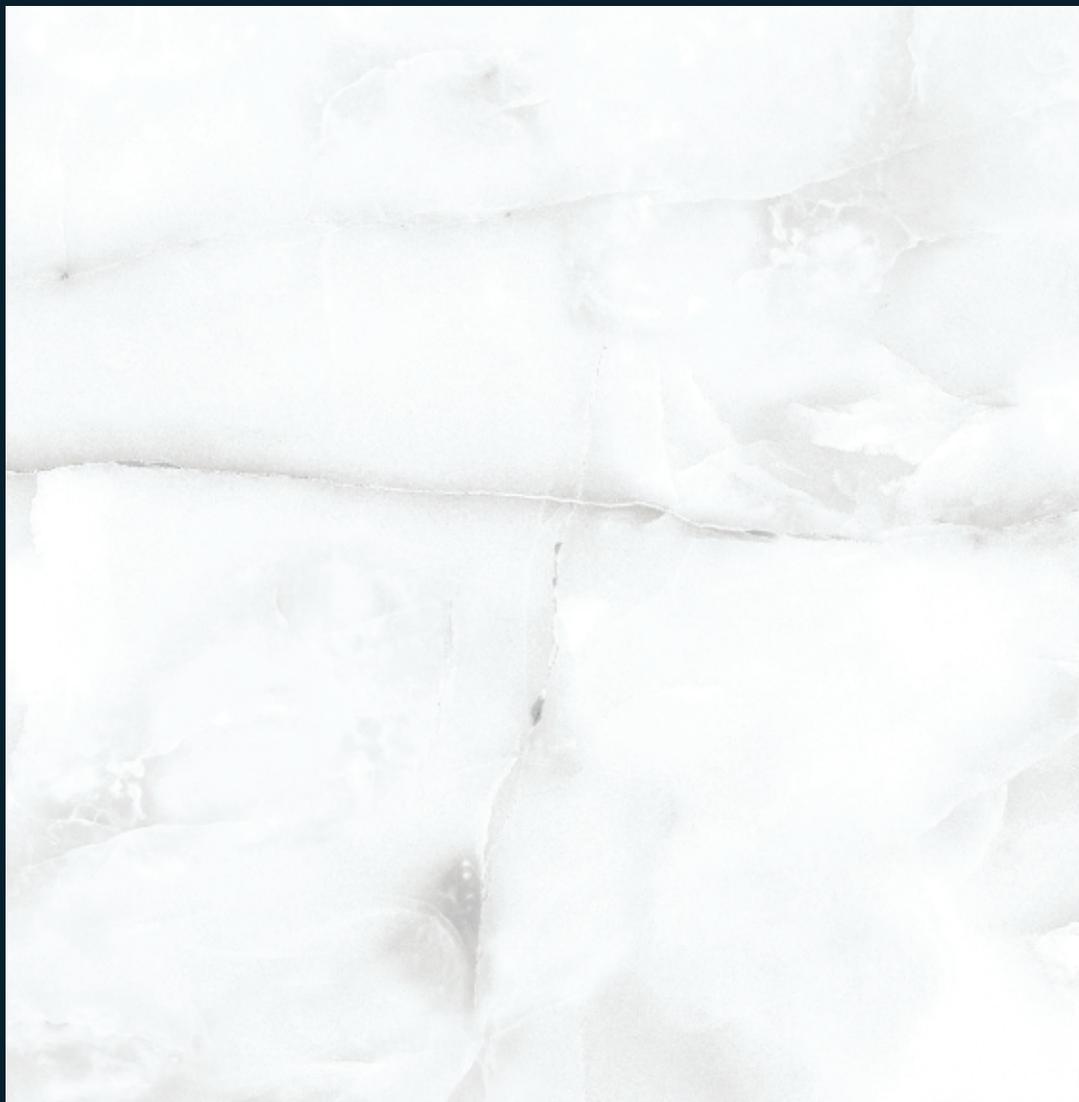
Plain White
Polished

600x600 MM



Satvario Viva
Polished

600x600 MM



Antique Grey
Polished

600x600 MM



Himalaya White
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600x600 MM



Laima Grey
Polished

600x600 MM



**Neo Onyx Brown
Polished**

600x600 MM



Tavolia Grey
Polished

600x600 MM



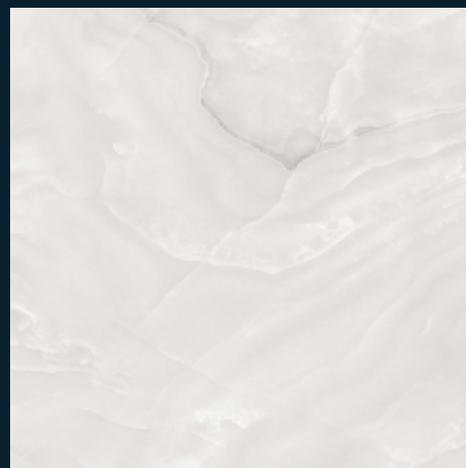
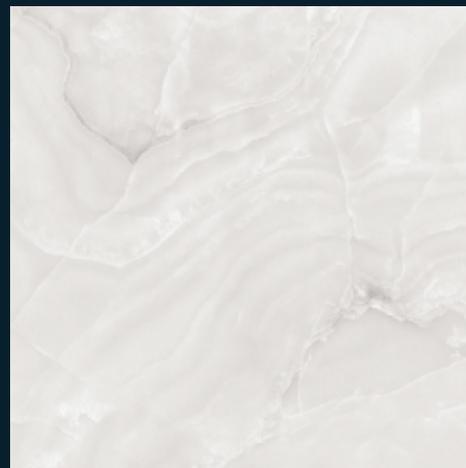
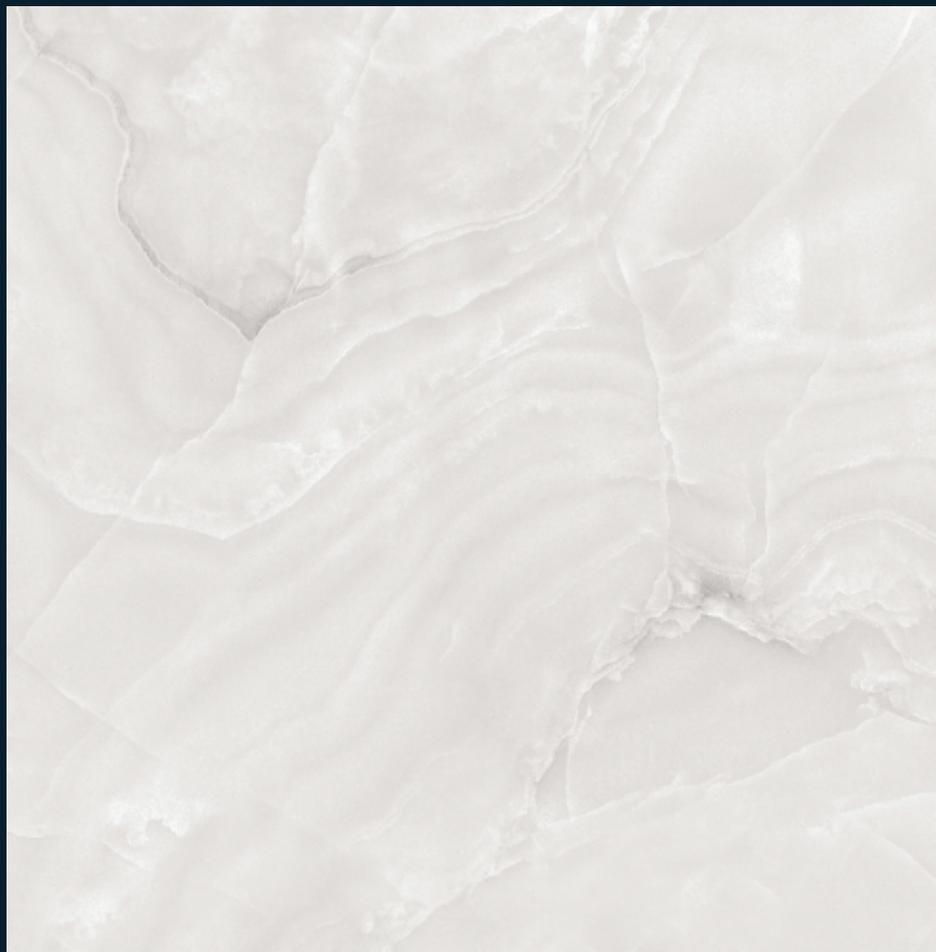
Snow White 86
Polished

600x600 MM



423
Polished

600x600 MM



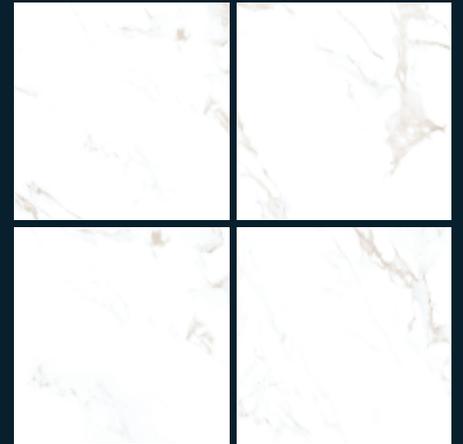
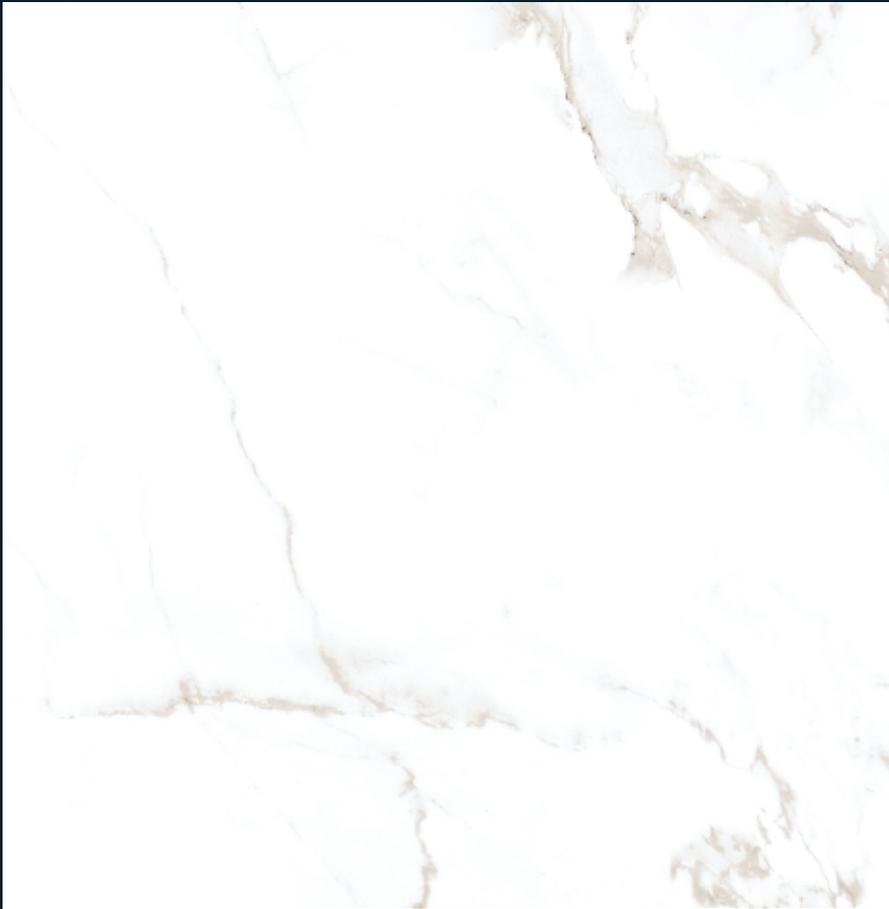
5004
Polished

600x600 MM



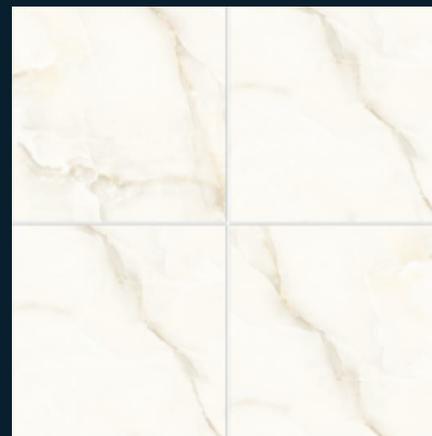
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Polished

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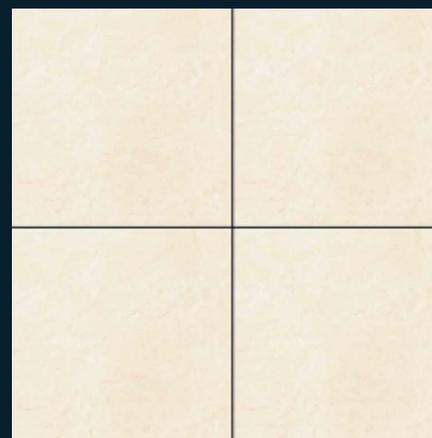
**Carrara Grey
Polished**

600x600 MM



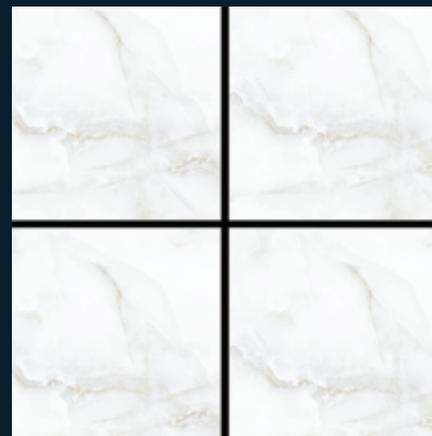
Onyx Ivory
Polished

600x600 MM



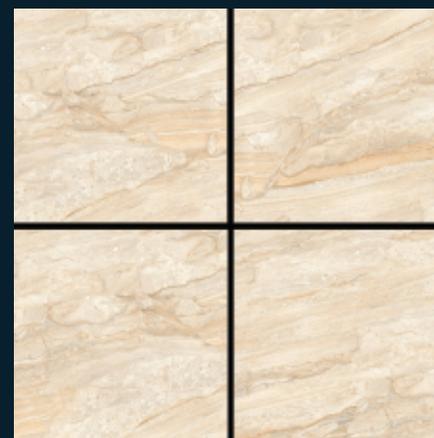
116
Polished

600x600 MM



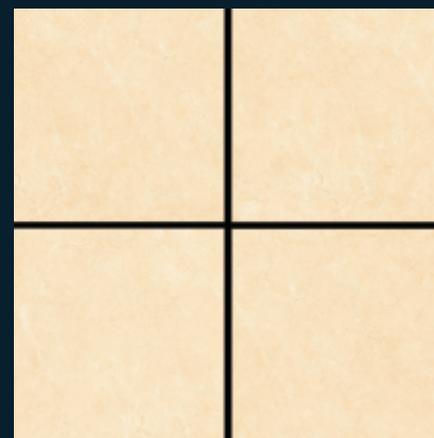
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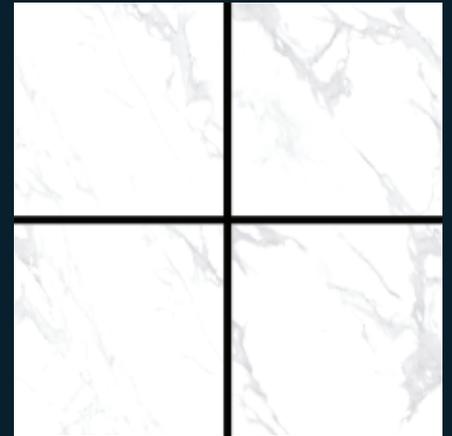
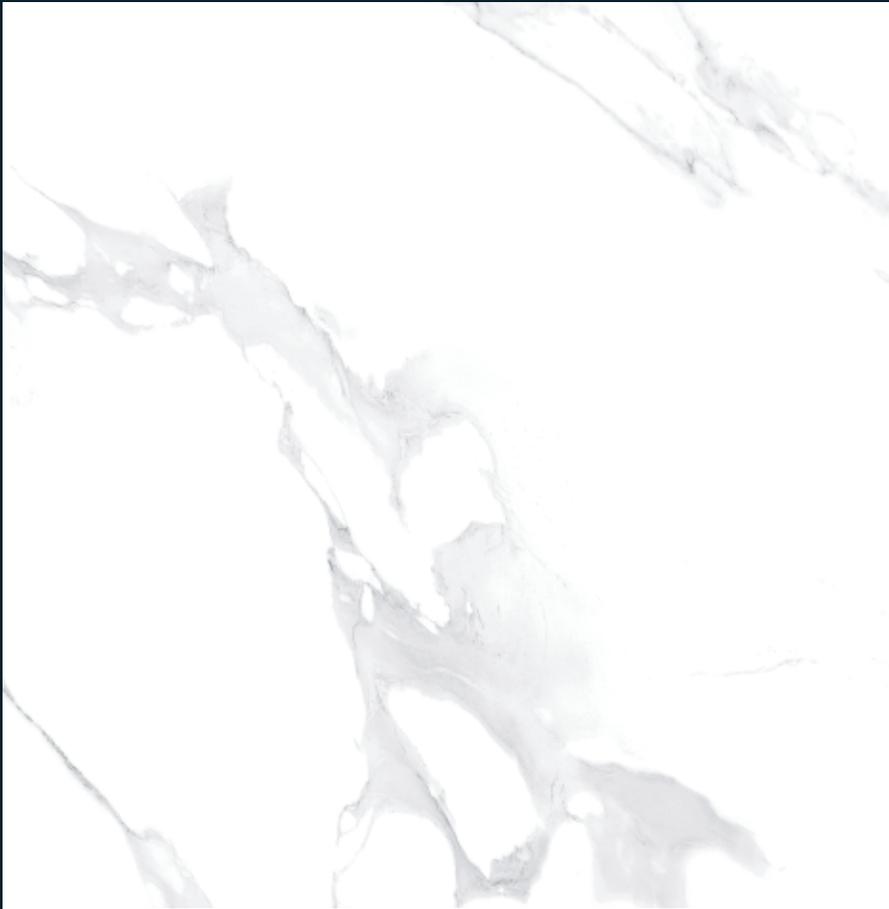
6017
Polished

600x600 MM



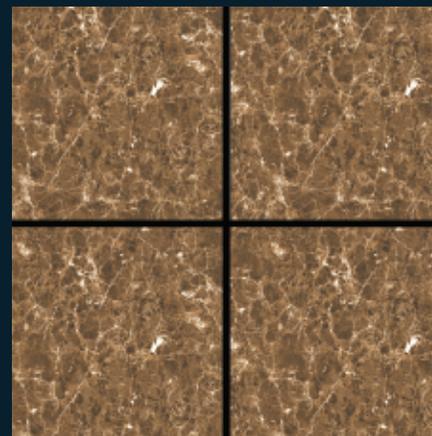
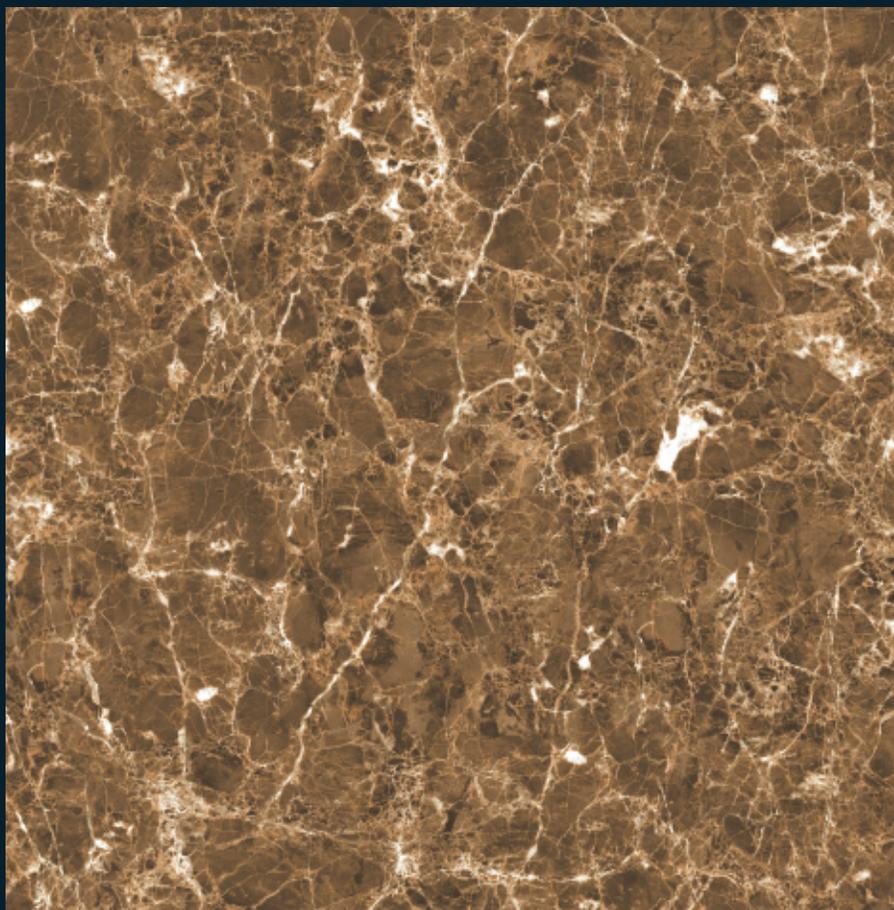
6031
Polished

600x600 MM



**6067 Carrara Grey
Polished**

600x600 MM



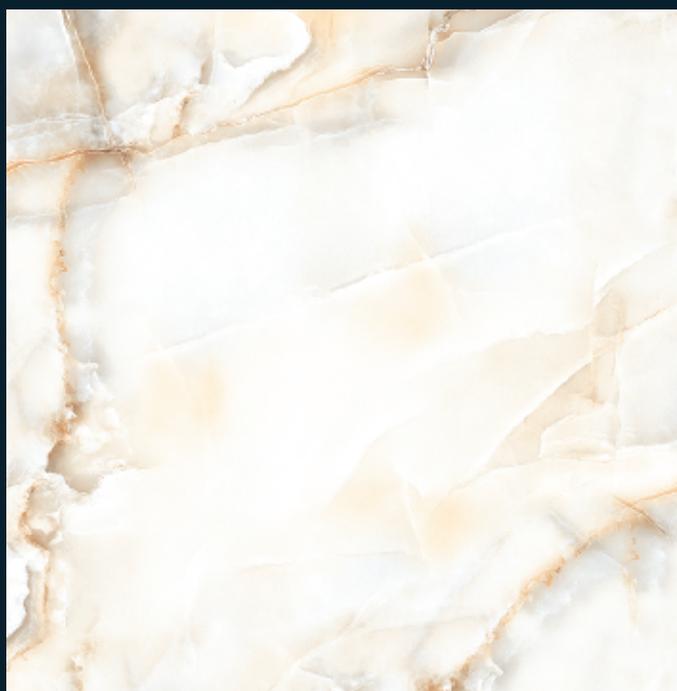
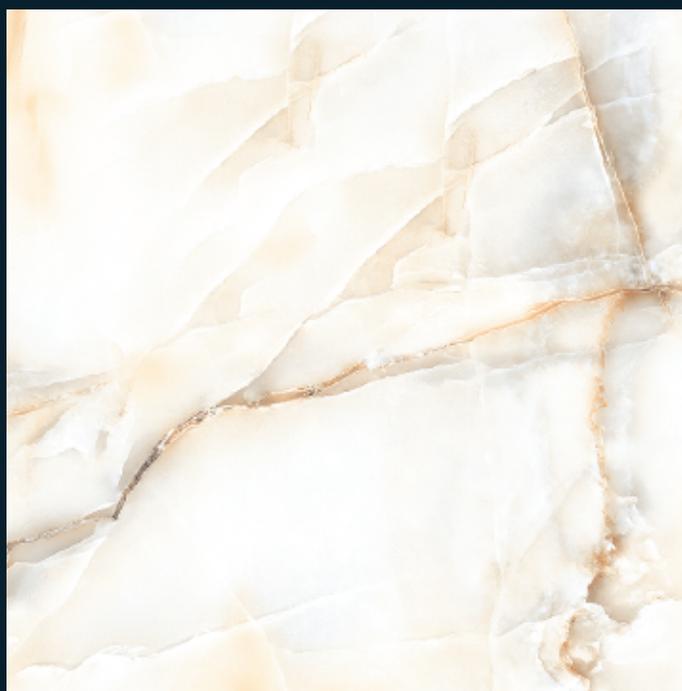
303
Polished

600x600 MM



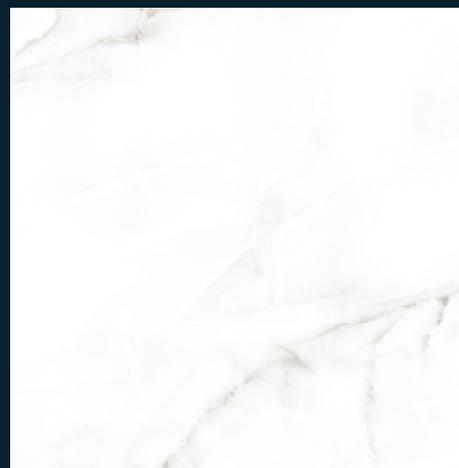
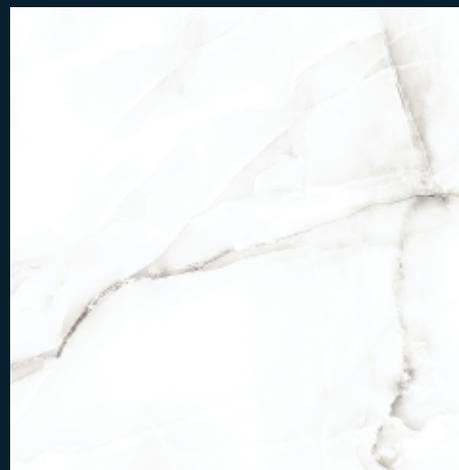
503
Polished

600x600 MM



Venice
Polished

600x600 MM



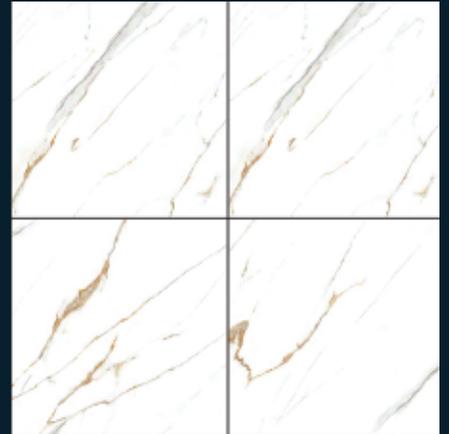
Venice Grey
Polished

600x600 MM



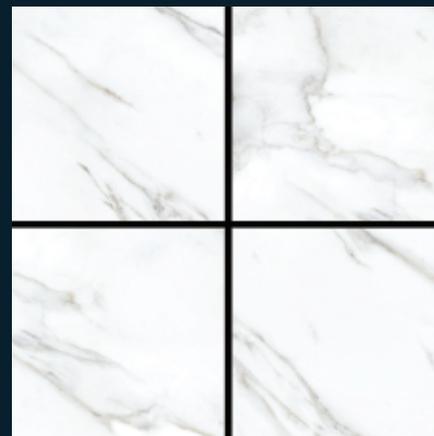
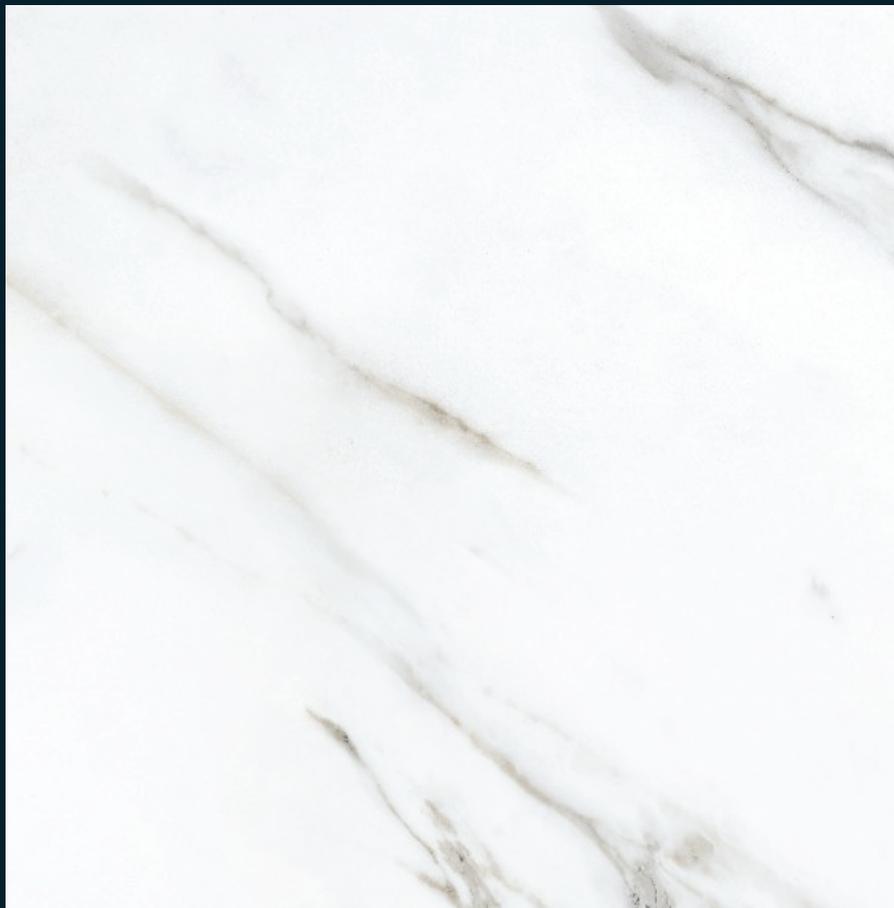
Clovid Nero
Matt & Polished

600x600 MM



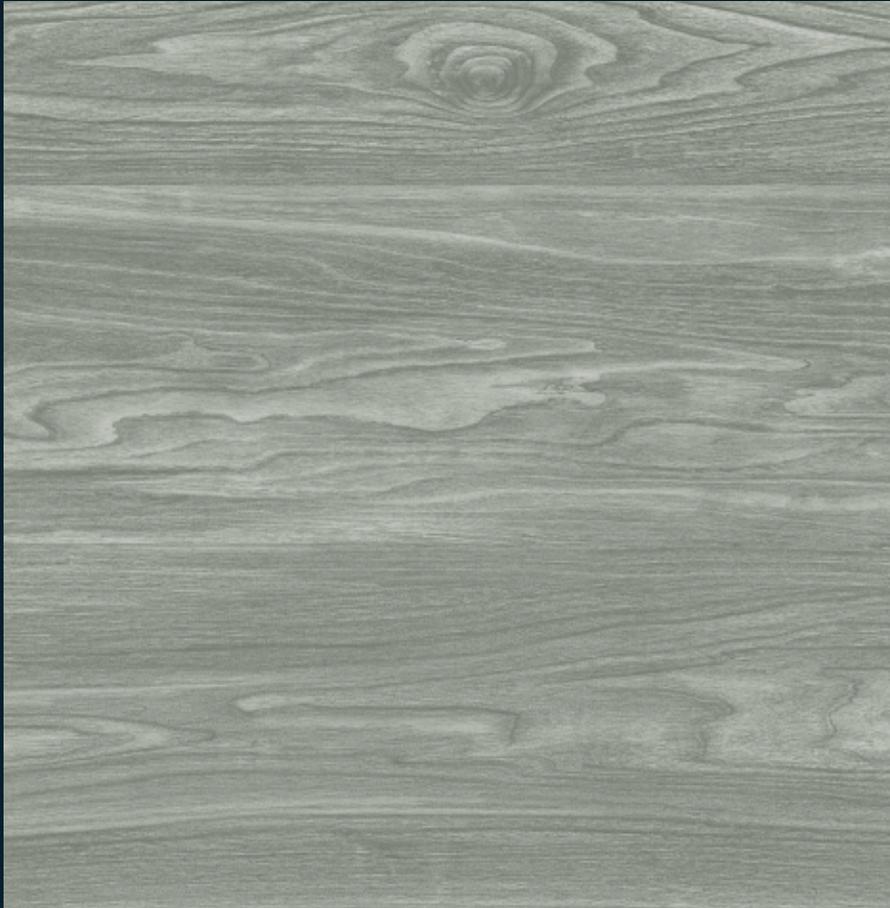
Zet Coral
Matt & Polished

600x600 MM



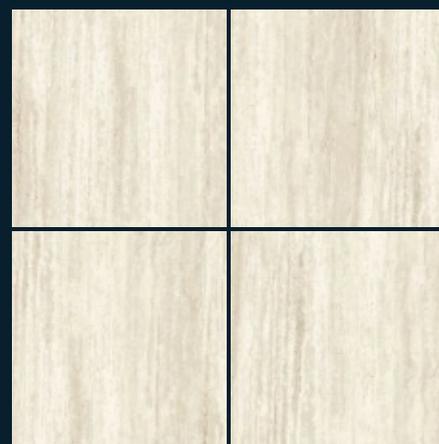
AQ-G504
Matt

600x600 MM



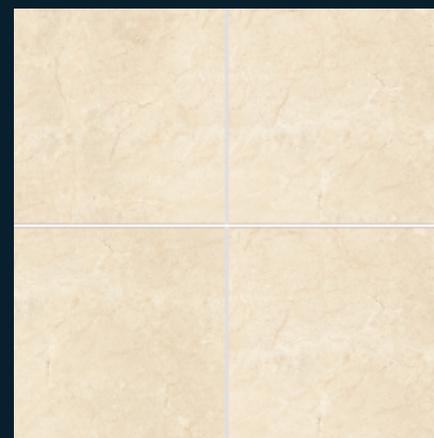
Timber Wood Silver
Matt

600x600 MM



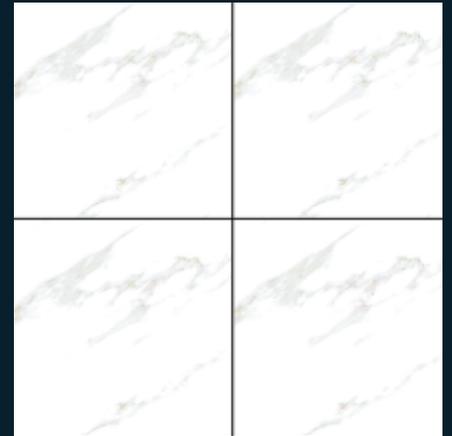
Bossa Travertine
Matt

600x600 MM



Crema Marfil
Matt

600x600 MM



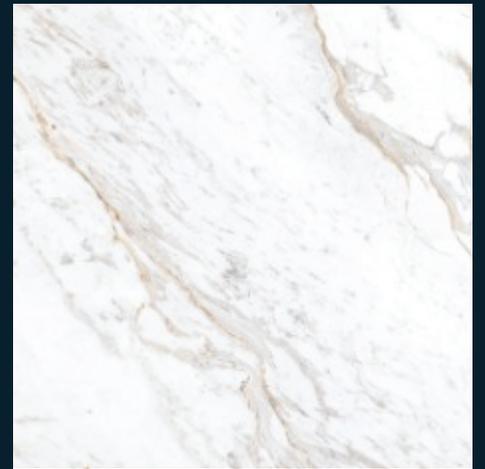
**Aristone White
Matt**

600x600 MM



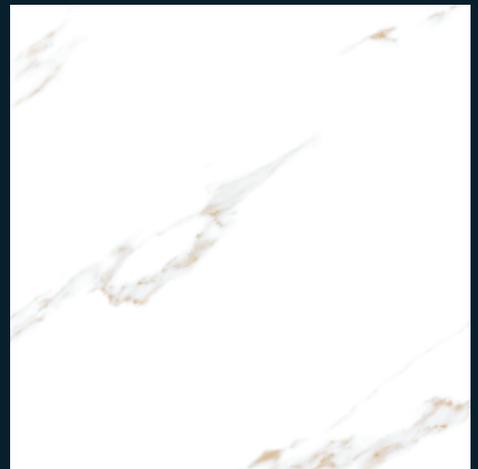
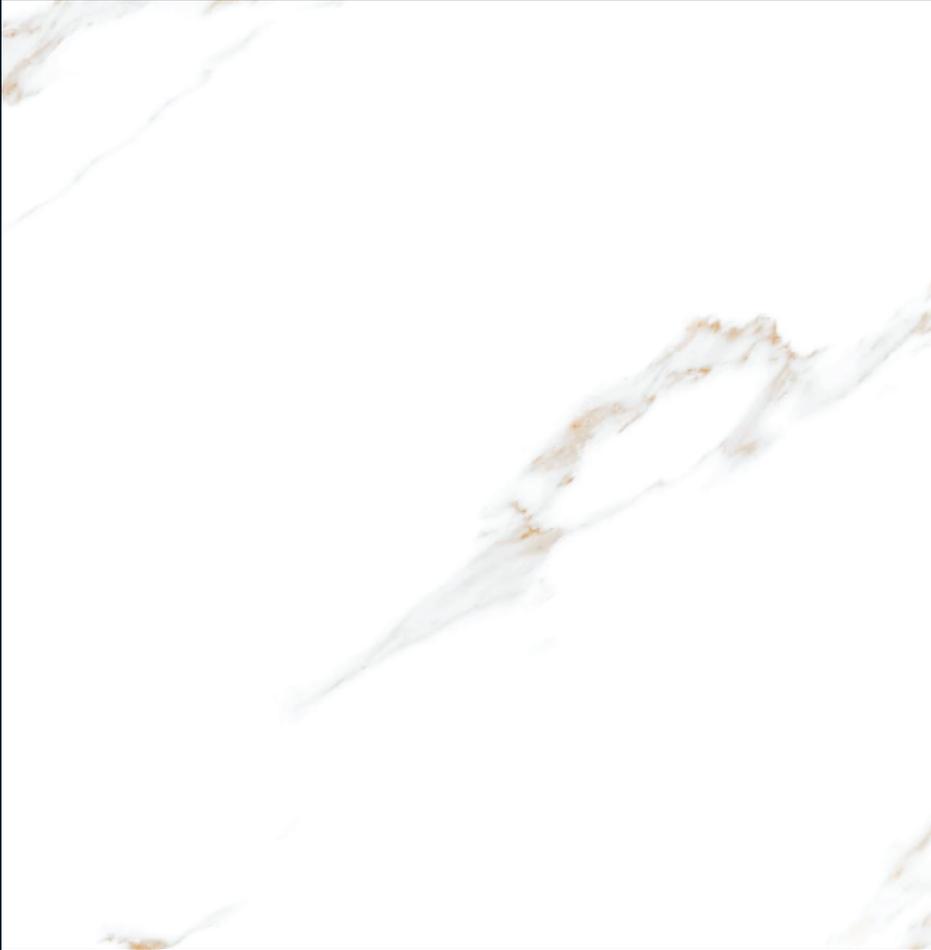
Cemento Bianco
Matt

600x600 MM



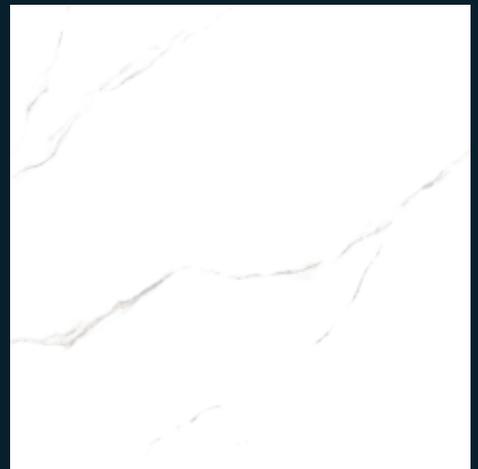
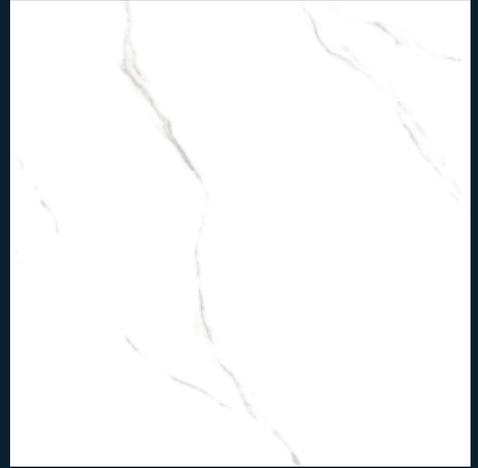
Cosmic Marble
Matt

600x600 MM



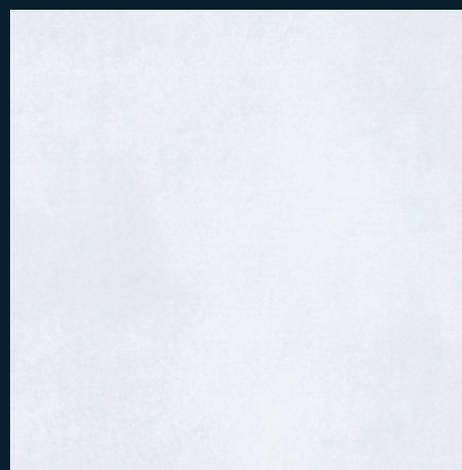
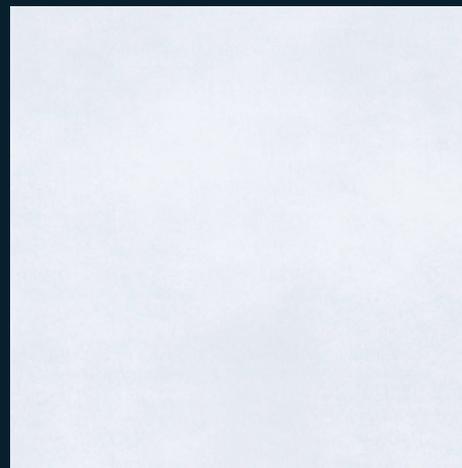
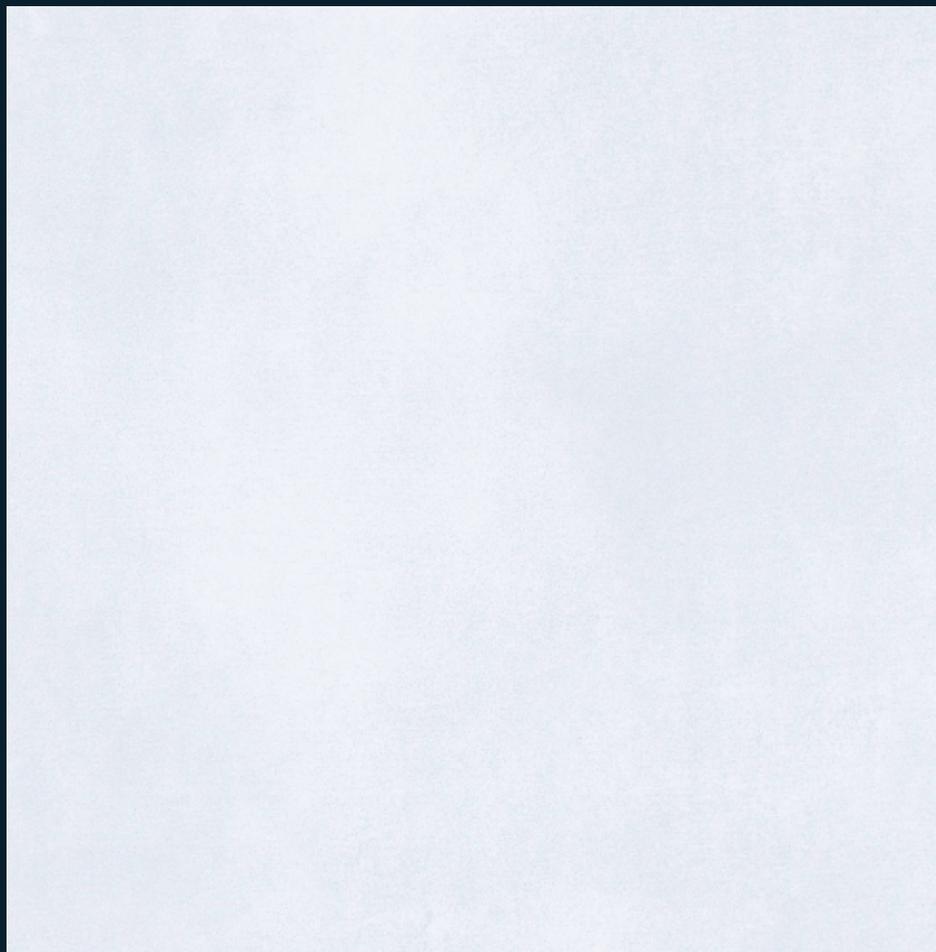
Bianco Stone
Matt

600x600 MM



Satvario
Matt

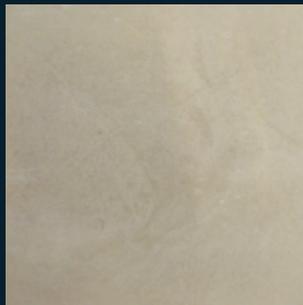
600x600 MM



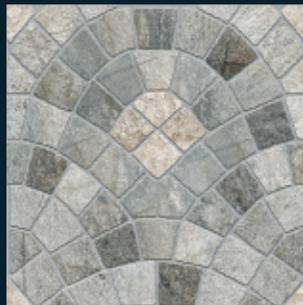
Exotica Pearl
Matt

600x600 MM

600 X 600MMx 16MM



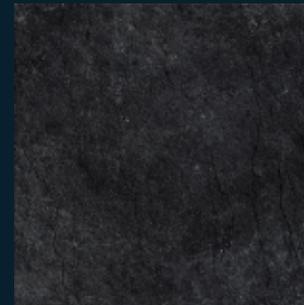
Amando Marfil



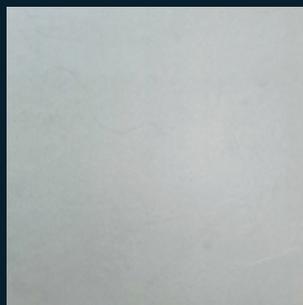
Oxyd Ash



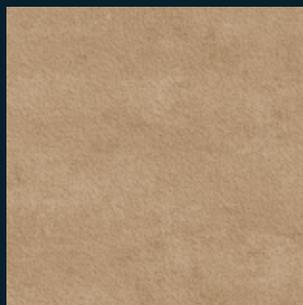
Vertex Beige



Artico Grey



Atria Ash



Valto Dorado



Vibro Argentio

390 X 390 mm
12 mm



6705

400 X 400 mm
12 mm

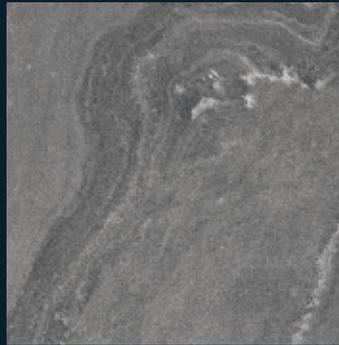


MC 170-6276

600 X 600MM x 20MM



Rubble Mud



Fiume Gris



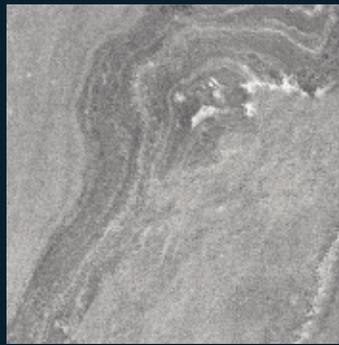
Starta Beach



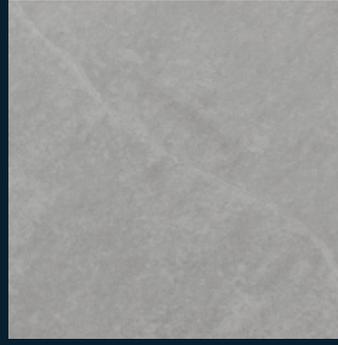
Rubble Gris



Rubble Bay



Fiume Grey



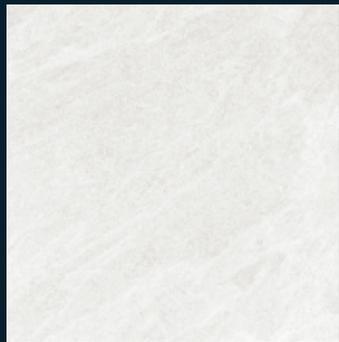
Barut Grey



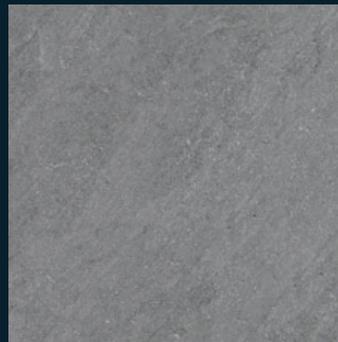
Bryce Grey



Barut Mud



Quarzo Silver



Quarzo Gris



Quarzo Nero

PORCELAIN / TECHNICAL SPECIFICATION

	CHARACTERISTIC	STANDARD AS PER ISO-13006/ EN14411 GROUP B1a	ITALINA VALUE	TEST METHOD
A.	REGULATORY PROPERTIES			
	Deviation in length & width	±0.5 %	±0.1 %	ISO-10545-2
	Deviation in thickness	±5.0 %	±4.0 %	ISO-10545-2
	Straightness in side	±0.5 %	±0.1 %	ISO-10545-2
	Rectangularity	±0.5 %	±0.1 %	ISO-10545-2
	Surface flatness	±0.5 %	±0.2 %	ISO-10545-2
	Color difference	Unaltered	No change	ISO-10545-16
	Glossiness	As per mfg	Min 4%	GLOSSOMETER
B.	STRUCTURAL PROPERTIES			
	Water absorption	≤ 0.05 %	≤ 0.05 %	ISO-10545-3
	Apparent density	> 2.0 g/cc	> 2.10 g/cc	DIN 51082
C.	MASSIVE MECHANICAL PROPERT	IES		
	Modulus of rupture	Min. 35 N/mm ²	Min. 40 N/mm ²	ISO-10545-4
	Breaking strength	Min. 1300 N	Min. 2000 N	ISO-10545-4
	Impact resistance	As per mfg.	Min. 0.55	ISO-10545-5
D.	SURFACE MECHANICAL PROPERT	IES		
	Surface abrasion resistance	As per mfg	Min. Class-4	ISO-10545-7
	MOH's hardness	As per mfg	Min. 5	EN 101
E.	THERMO HYGROMETRIC PROPER	TIES		
	Frost resistance	No damage	No damage	ISO-10545-12
	Thermal shock resistance	No damage	No damage	ISO-10545-9
	Moisture expansion	Nil	Nil	ISO-10545-10
	Thermal expansion (COE)	Max. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO-10545-8
	Crazing resistance	As per mfg	Min. 10 Cycle	ISO-10545-11
F.	CHEMICAL PROPERTIES			
	Chemical resistance	No damage	No damage	ISO-10545-13
	Stain resistance	Resistant	Resistant	ISO-10545-14
G.	SAFETY PROPERTIES			
	Slip resistance	As per mfg	> 0.40	ISO-10545-17
	Fire resistance	As per mfg	Fireproof	N. A.
	Lead & Cadmium given off by glazed tiles	As per mfg	Does not yield Pb & Cd	ISO-10545-15

PACKING DETAIL

Size	Normal Thickness	No. Of Tiles / Box	Coverage Area	Weight Per Box
600x600 mm	9.0 mm [Approx]	4 pc	1.44 sq.mtr	29.50 kg [Approx]

NOTE : Certain amount of size and shade variation is inherent in all ceramic products • Our conformity to the above standards is applicable only for Premium Quality. • Colours shown are as accurate as the limitations of the printing process will allow. • Prospective customers are advised to inspect a sample of the tile before ordering. • Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specification without prior notice. • Sometimes variations in shade or size being inherent to ceramic industry may occur. It is suggested to check the tiles before purchase and laying as the company does not accept responsibility once the tiles are laid.

Characteristics	Indian Standard IS 15622:2017 Group B Ia & International Standard ISO:13006, Group B Ia		"Italina value" Unrectified, Unglazed Thickness 12,16 & 20 mm
	Test Method	Standard	
Dimensions and Surface Quality :			
Deviation length / width	IS-13630:1/ISO-10545:2	±0.60%/±0.75%	±0.75%
Thickness	IS-13630:1/ISO-10545:2	±10.0%	±6.5%
Straightness of sides	IS-13630:1/ISO-10545:2	±0.60%/±0.75%	±0.60%
Rectangularity	IS-13630:1/ISO-10545:2	±0.50%/±1.00%	±0.50%
Surface Flatness- Curvature & Warpage	IS-13630:1/ISO-10545:2	±0.75%/±1.00%	±0.75%
Surface Quality	IS-13630:1/ISO-10545:2	Min 95%of the tiles shall be free from visible defects	Min 95%of the tiles shall be free from visible defects
Physical Properties :			
Water Absorption	IS-13630:2/ISO-10545:3	Avg. ≤ 0.08%, Max.Ind.<0.10% Avg. ≤ 0.50%, Max.Ind.<0.60%	Avg.<0.50%, Individual<0.60%
Module Of Rupture-N/mm ²	IS-13630:6/ISO-10545:4	Avg.35, Individual 32, Min	≥ 38 N/mm ²
Breaking Strength-In N	IS-13630:6/ ISO-10545:4	>1300N	Thickness 12mm ≥ 3200N Thickness 16mm ≥ 6500N Thickness 20mm ≥ 7000N
Moisture Expansion-mm/m	IS-13630:3/ISO-10545:10	0.02 Max	Nil
Scratch Hardness of Surface - Mohs	IS-13630:13	5 Min	6 to 8
Coefficient of liner thermal expansion	IS-13630:4/ISO-10545:8	6x10 ⁻⁶ , Max	6x10 ⁻⁶ , Max
Thermal shock resistance	IS-13630:5/ISO-10545:9	10 Cycles, Min	10 Cycles confirmed
Impact Resistance- COR	IS-13630:14/ISO-10545:5	0.55 Min	0.55 Min
Coefficient of friction	Manufacturer to declare	Manufacturer to declare	PTV 0.50 Min
Frost Resistance	IS-13630:10/ ISO-10545:12	50 cycles, if agreed to between manufacturer and purchaser	50 Cycles Confirmed
Resistance to Deep Abrasion of Unglazed -millimeter ³	IS-13630:12/ISO-10545:6	175, Max/140, Max	131 mm ³
Bulk density - g/cc	IS-13630:2	2.20, Min	2.28 g/cc
Chemical Properties :			
Resistance to staining	IS-13630:8/ISO-10545:14	Unglazed - Class : 2/3	Unglazed- Class : 2
Resistance to house hold chemicals and swimming pool water cleansers excepts to cleaning agents to contacting hydrofluoric acid & its compounds	IS-13630:8 & IS-13630:7 ISO-10545:13	Unglazed - A/UB	Unglazed- Class : A
Resistance to acids & alkalies (with the exceptions of hydrofluoric acid & its compounds)	IS-13630:8 & IS-13630:7 ISO-10545:13	Unglazed - Class : A/B	Unglazed - Class : A

* The declared results in this table are as per the PCPL lab from the particular batch. The values are indicative in nature and purchaser may ask for MTR of their supply. In such case charges for testing will be levied on the purchasing party.

** All these tests apply for overseas customers but may not be relevant in Indian context.