

MARBOGRESS

SELF COLOURED SURFACES



ELEGANCE

MARBEL COLLECTION VOL-1



About Our **Marbel Tiles** Collection

Step into a world of elegance and sophistication with our exquisite Marble Collection Tiles. Inspired by the natural beauty of marble, these tiles capture the essence of luxury and bring a touch of timeless elegance to any space.

Our Marble Collection Tiles feature stunning patterns, intricate veining, and rich colors that emulate the beauty of natural marble.

From the timeless allure of Carrara to the dramatic beauty of Calacatta, our collection offers a range of options to suit every style and taste.

Crafted from high-quality materials and manufactured with precision, our Marble Collection Tiles are built to last.

Tiles **Features**

-  Resistance to Deep Abrasion
-  Easy to Install
-  Resists Harsh Weather Conditions
-  Resists Water
-  Stain Resistance
-  Hygienic
-  Resistance to Thermal Shocks
-  Lightweight and Easy to Handle
-  Resistance to Acids and Bases
-  Eco-Friendly
-  Easy Cleaning
-  Resists Fire

Tiles **Applications**

-  Reception
-  Kitchen
-  Living Room
-  Sallon & Spa
-  Offices
-  Restaurants & Hotel
-  Bathroom
-  Showroom
-  Gymnasium

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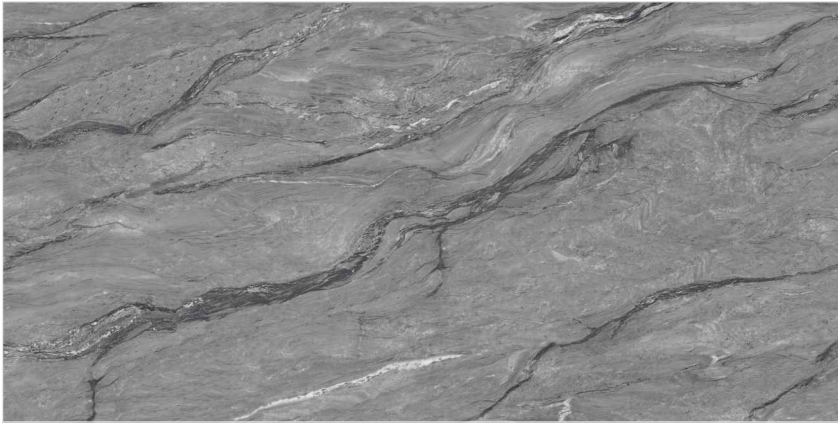
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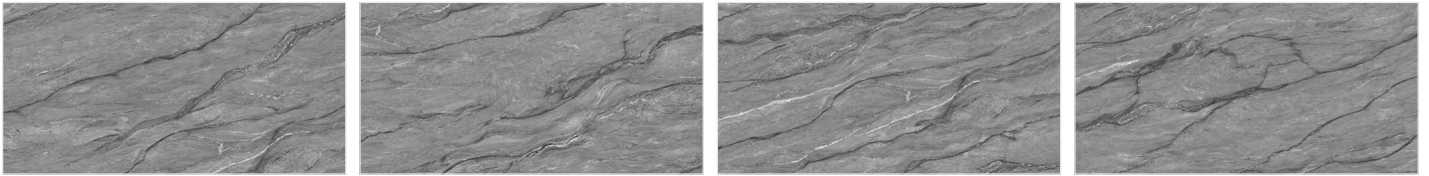


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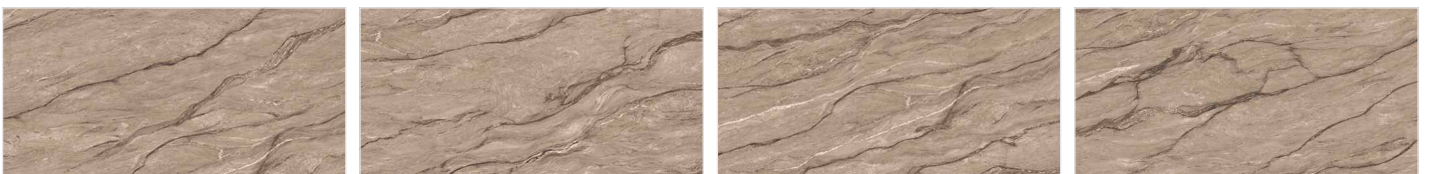
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600X1200MM

MARBEL | GLOSSY



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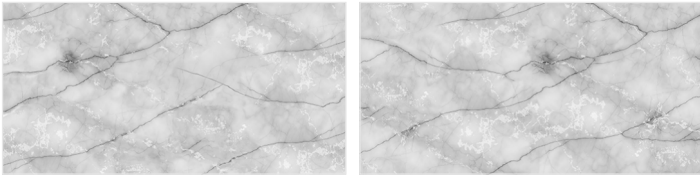
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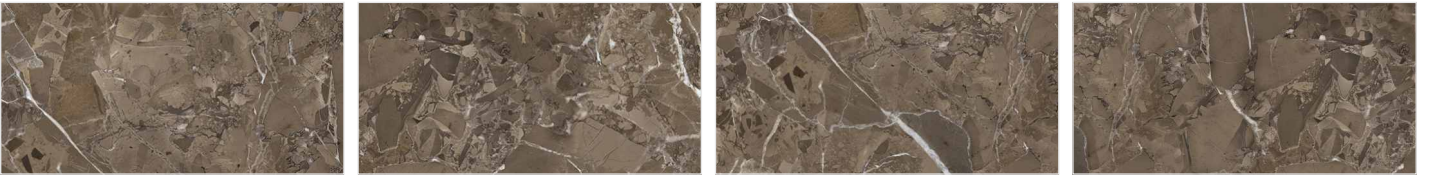
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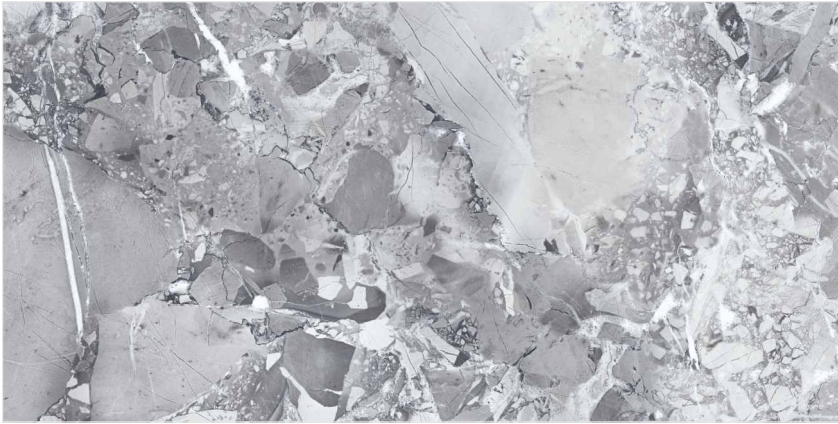
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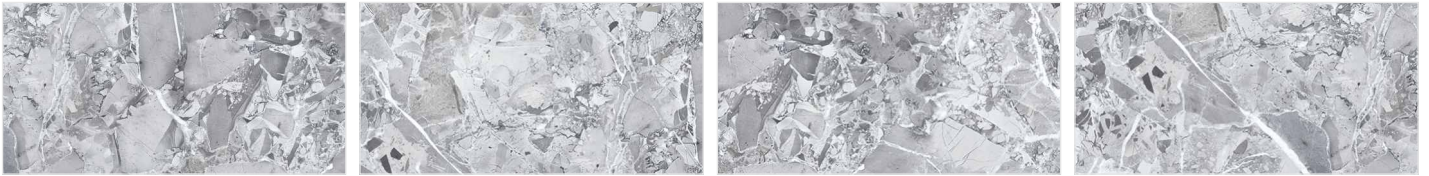
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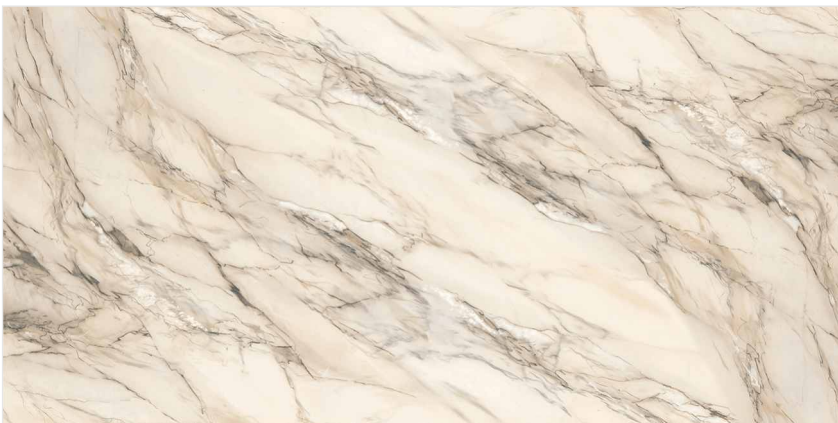
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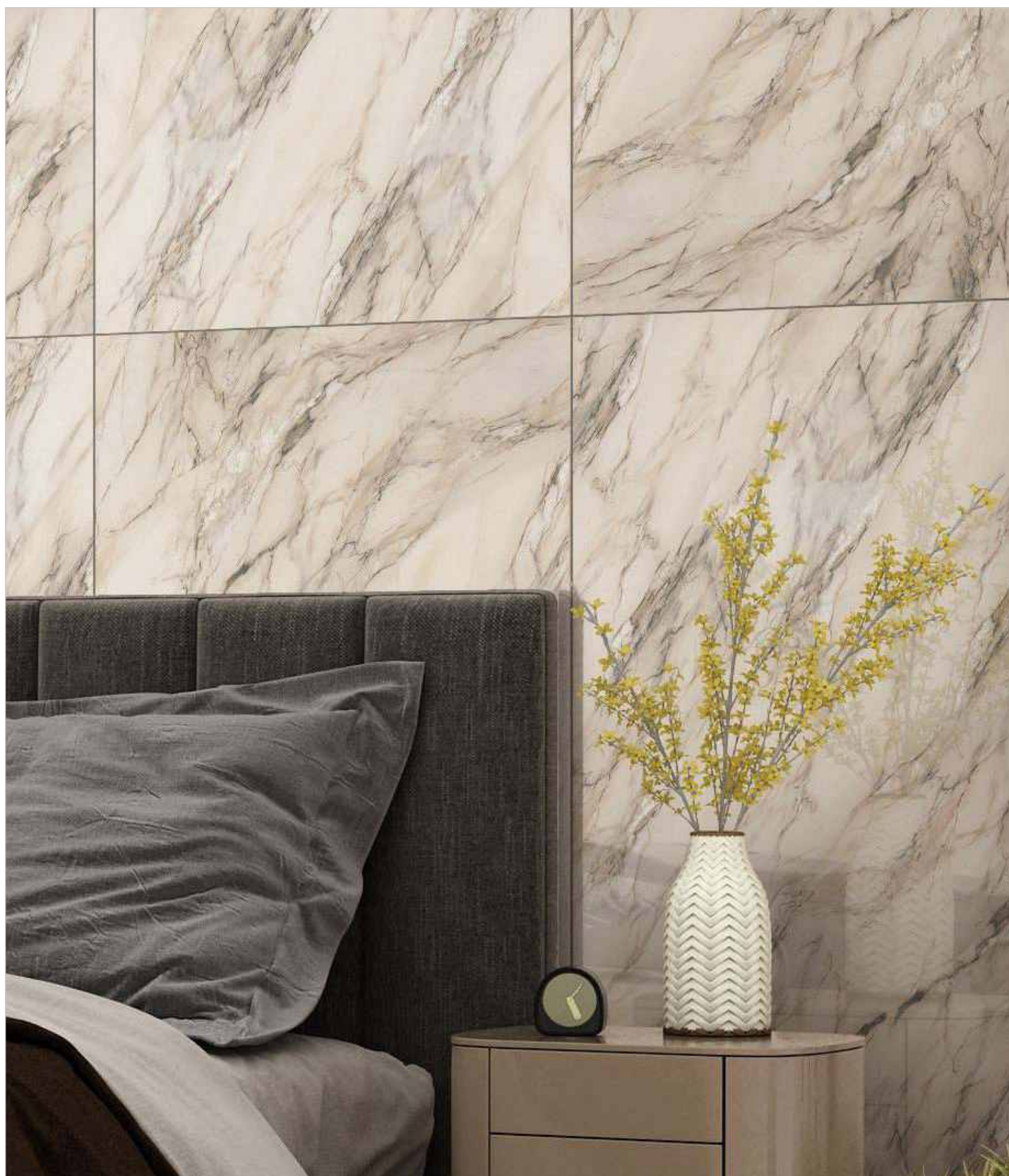
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600X1200MM

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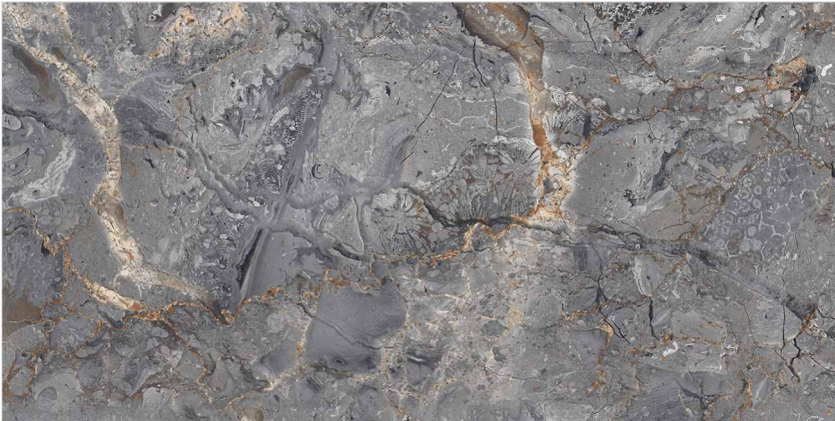
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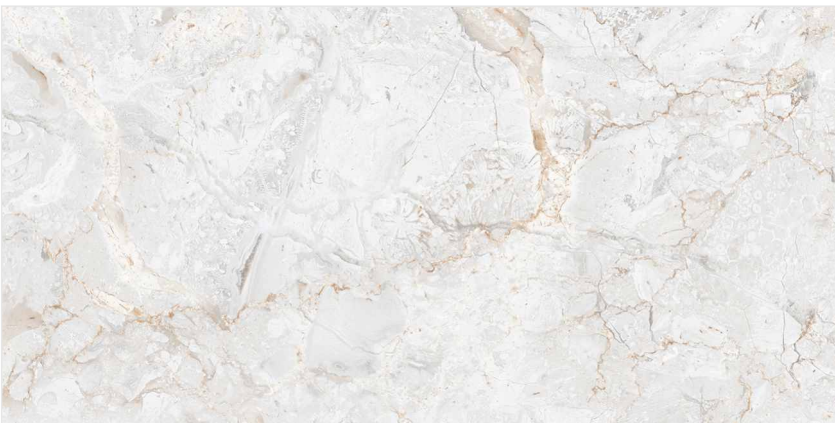
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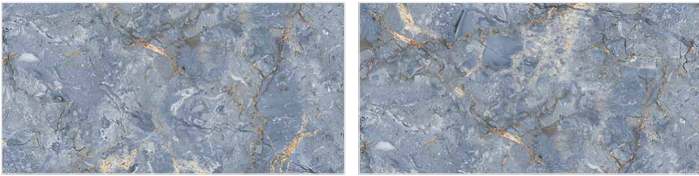
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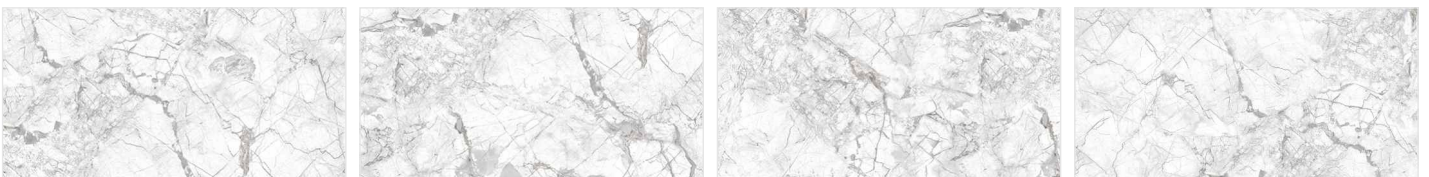


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TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	MEAN VALUE	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)	ΔE < 1.00	ΔE < 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			
Water absorption	0.50 % ≤ Ev ≤ 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			
Modulus of rupture	Min. 30.0 N/mm ²	Min. 35.0 N/mm ²	ISO 10545-4
Breaking strength thickness ≥ 7.5	Min. 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 (For ≥ 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 ³	Max. 132mm ³	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.	Max. 6.0 x 10 ⁻⁶	ISO 10545-8
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Impact resistance(COR)	Min. 0.55	Min. 0.55	ISO 10545-5
Frost resistance	as per mfg.	Frost Proof	ISO 10545-12
Chemical Properties			
Resistance to staining glazed	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 low 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.	1.44 sq. mtr.	27 KG (APPROX)

THANK YOU



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