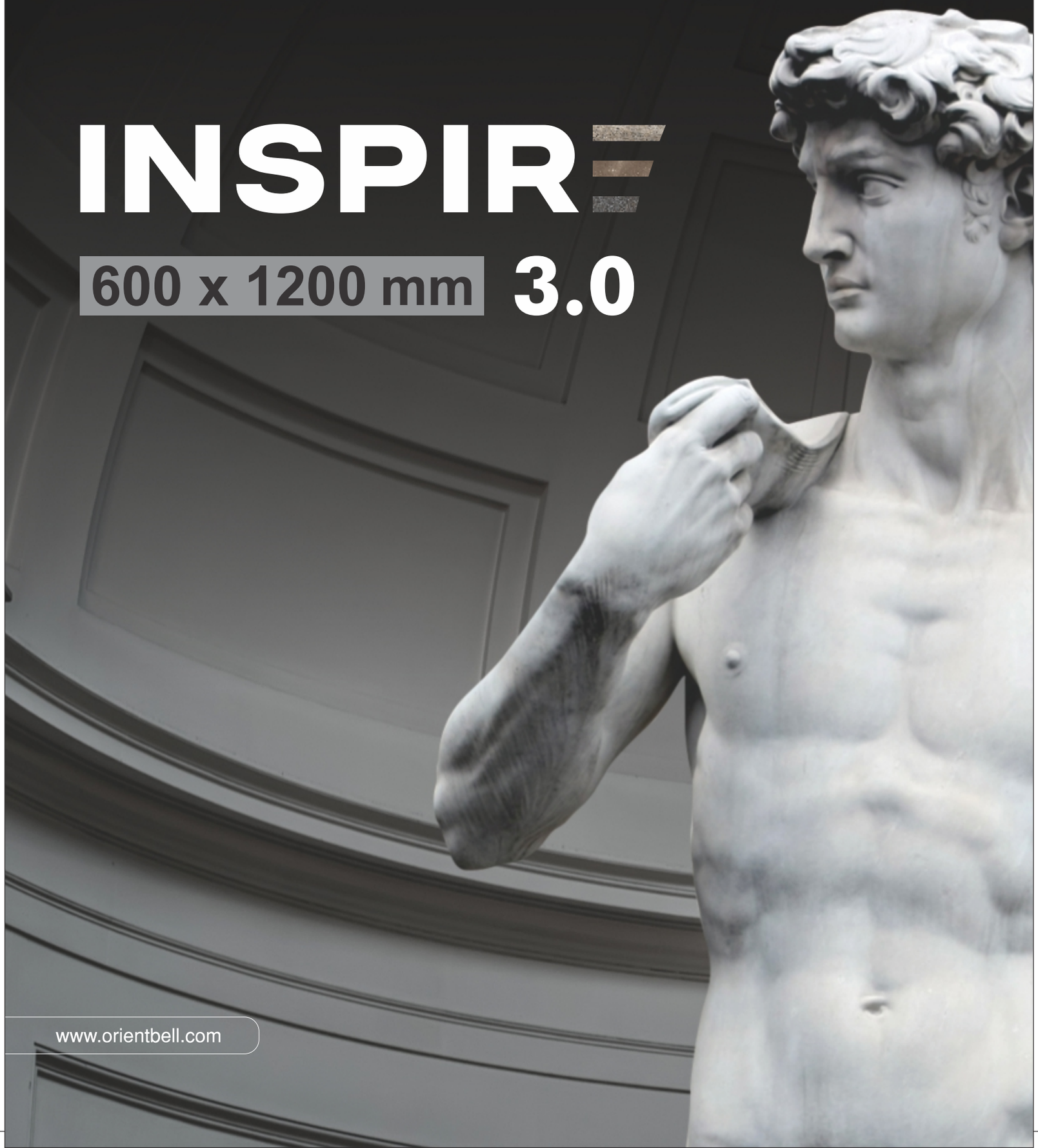
orientbell tiles

INSPIRE

600 x 1200 mm 3.0



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(India's construction & design industry)



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(Flooring Idea-Tiles & Ceramic)



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I N D E X

Glazed Vitrified Tiles	**01-20**
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PGVT Giallo Siena	13
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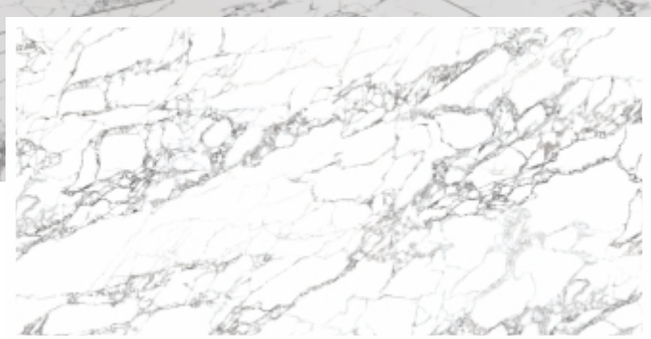
EN 14411

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Glazed Vitrified Tiles | 600x1200mm

PGVT Arabescato Bianco

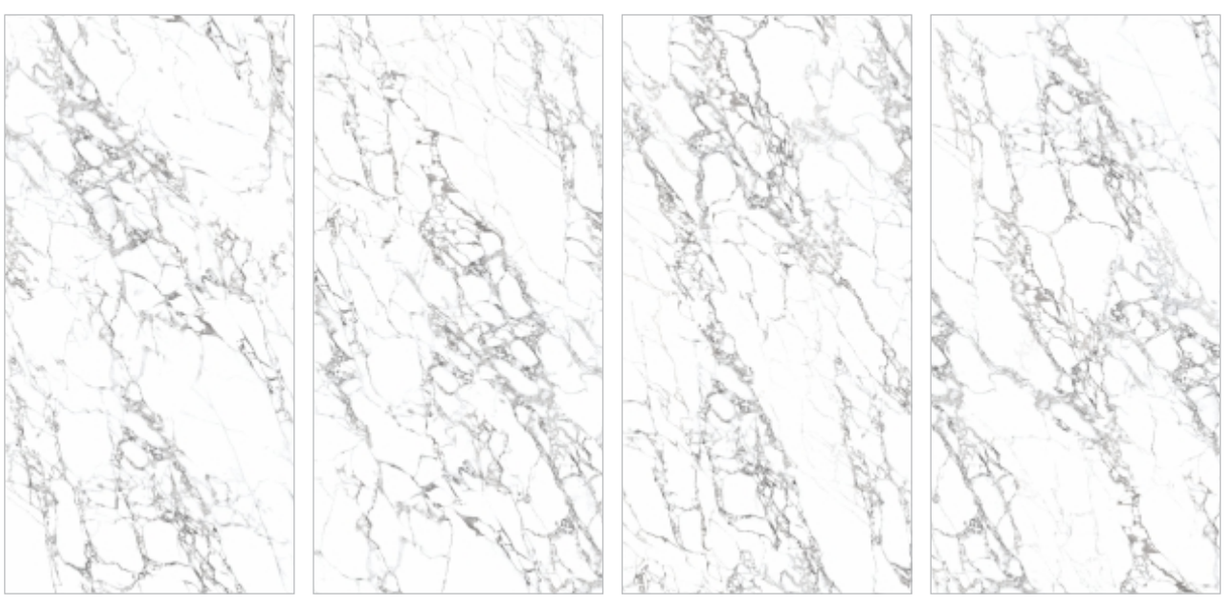




Preview Shown:
PGVT Arabescato Bianco & PGVT Flagstone Grey

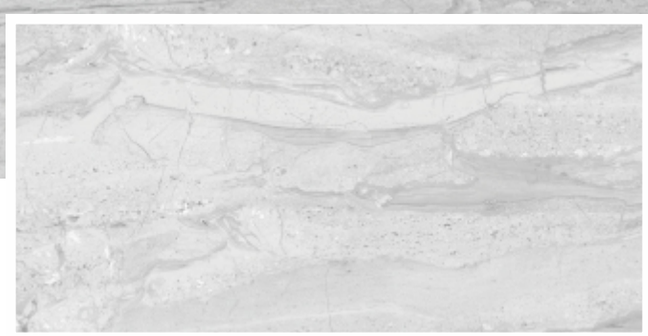


600x1200mm |
PGVT ARABESCATO BIANCO

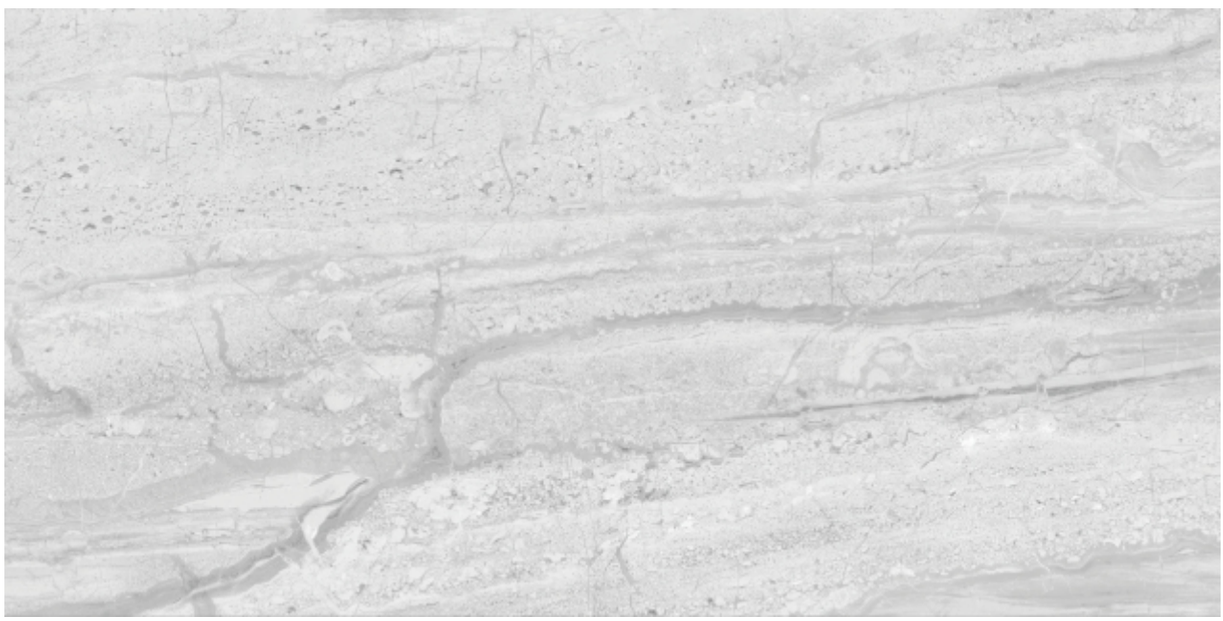


PGVT Royal Dyna Grey

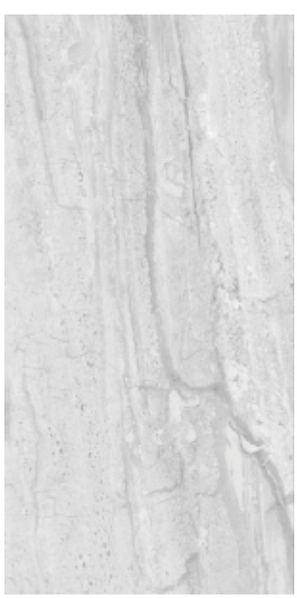


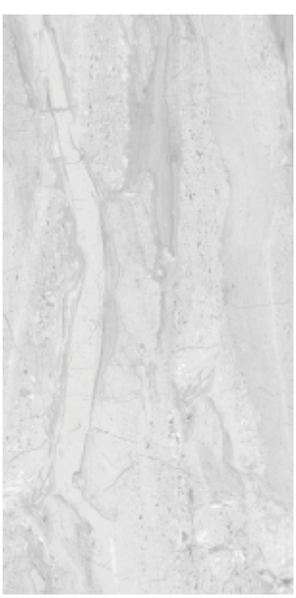


Preview Shown:
PGVT Royal Dyna Grey



600x1200mm |
PGVT ROYAL DYNA GREY






PGVT Grey Stone Marble





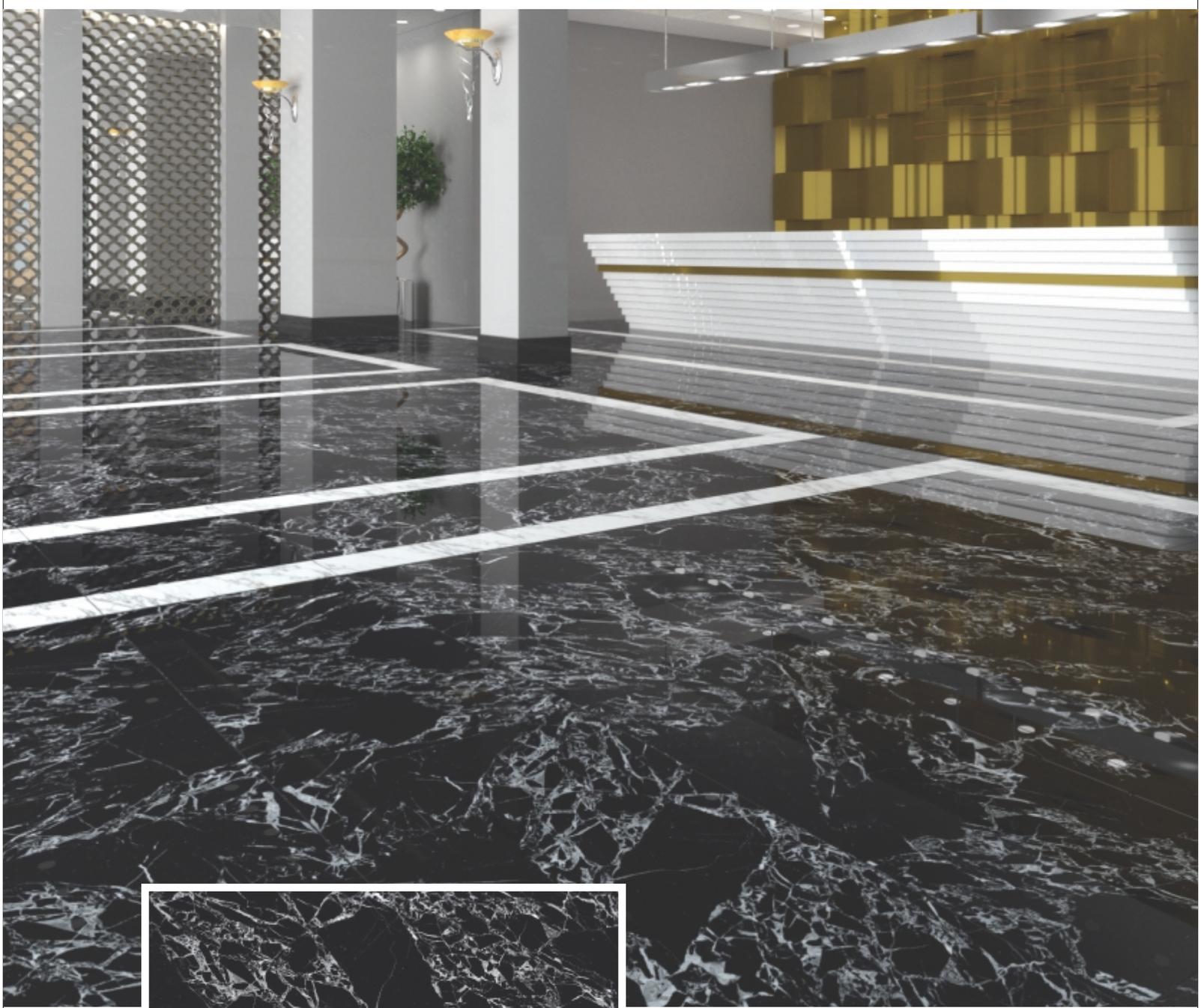
Preview Shown:
PGVT Grey Stone Marble

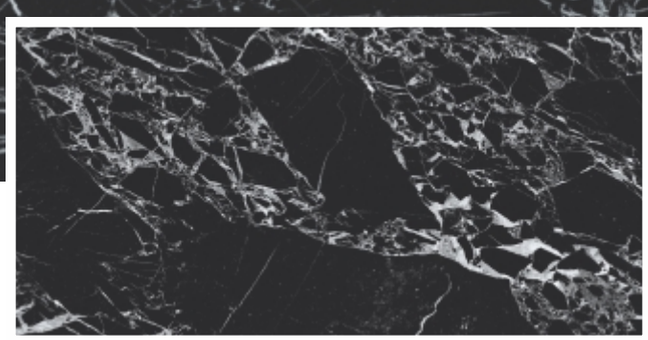


600x1200mm |
PGVT GREY STONE MARBLE

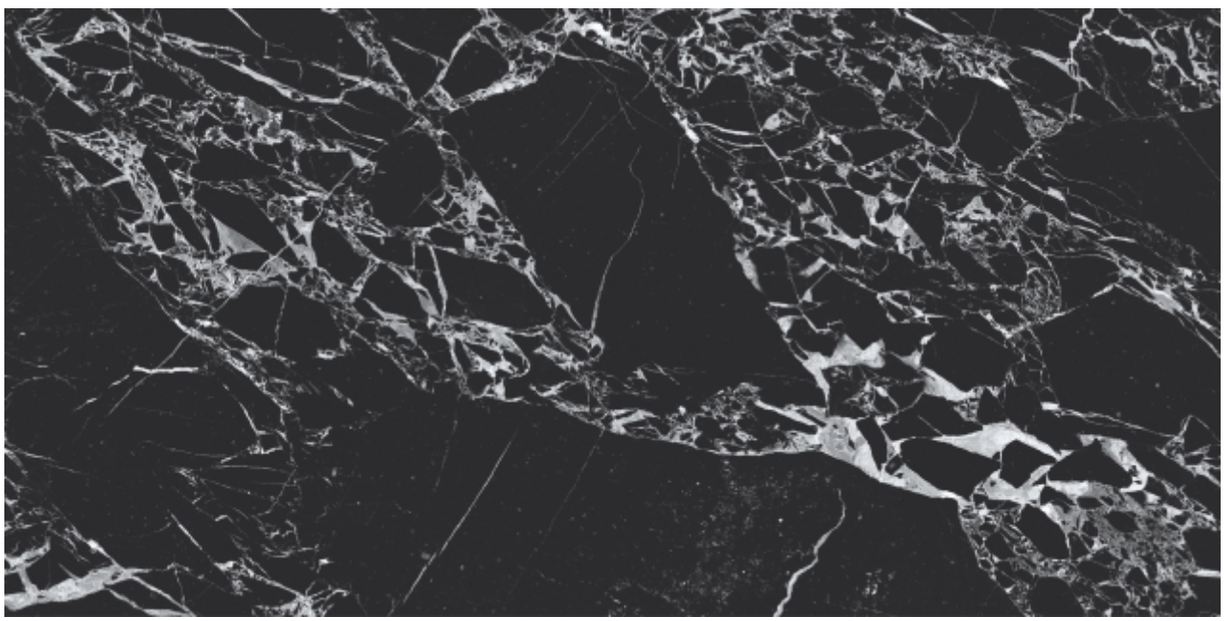


Super Gloss Portoro Silver Marble

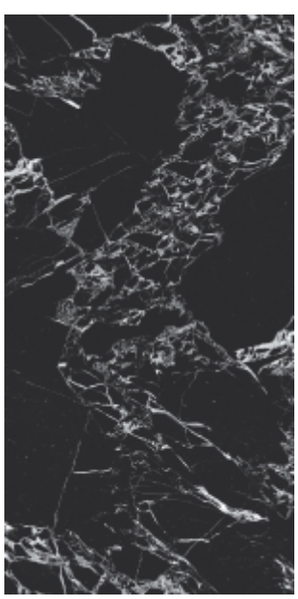
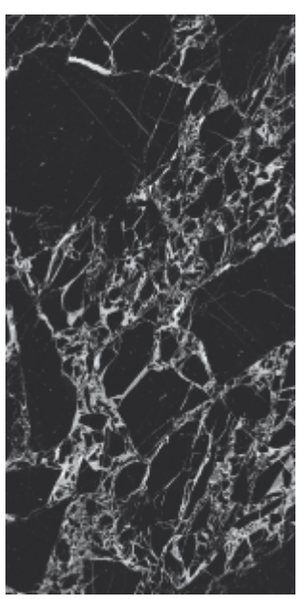
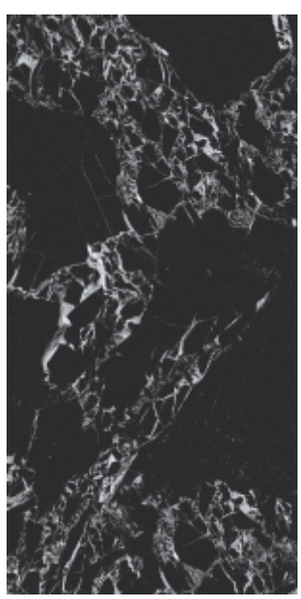
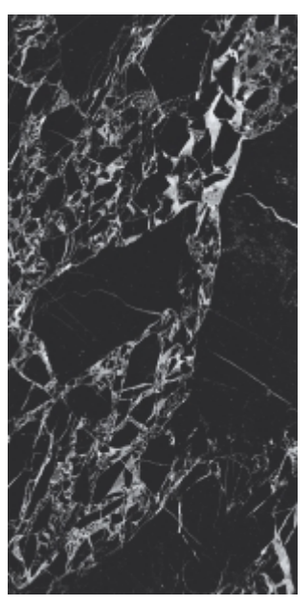




Preview Shown:
Super Gloss Portoro Silver Marble & PGVT Arabescato Bianco



600x1200mm |
SUPER GLOSS PORTORO SILVER MARBLE

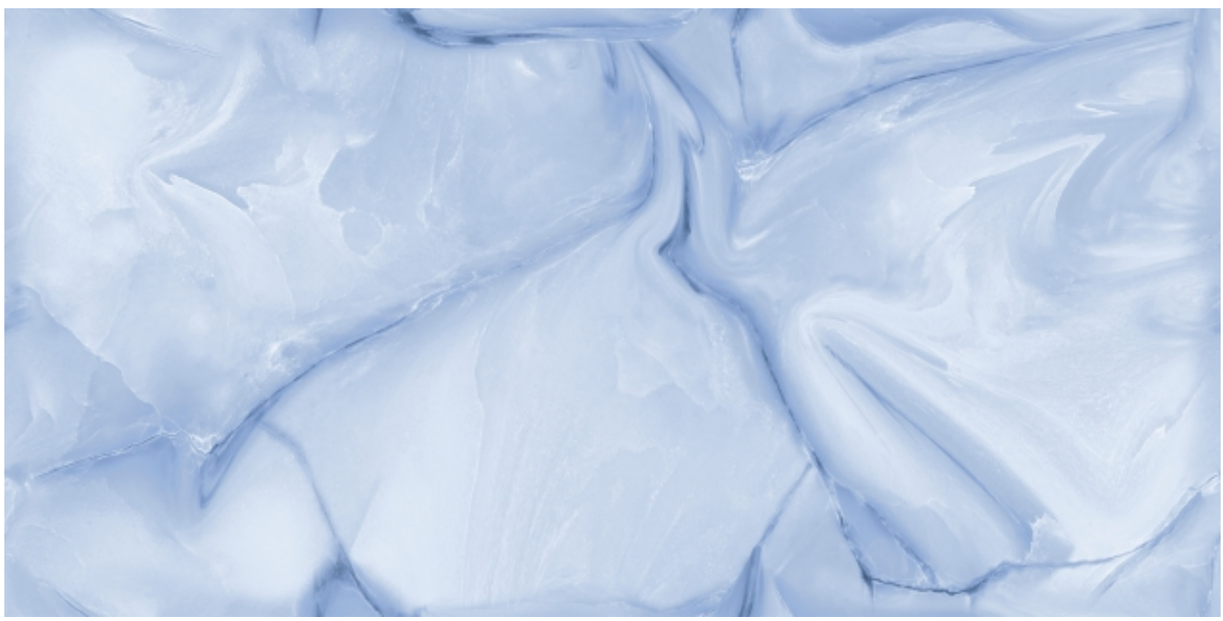
PGVT Endless Onyx Blue

To know more:
https://youtu.be/otvoqSm8N98

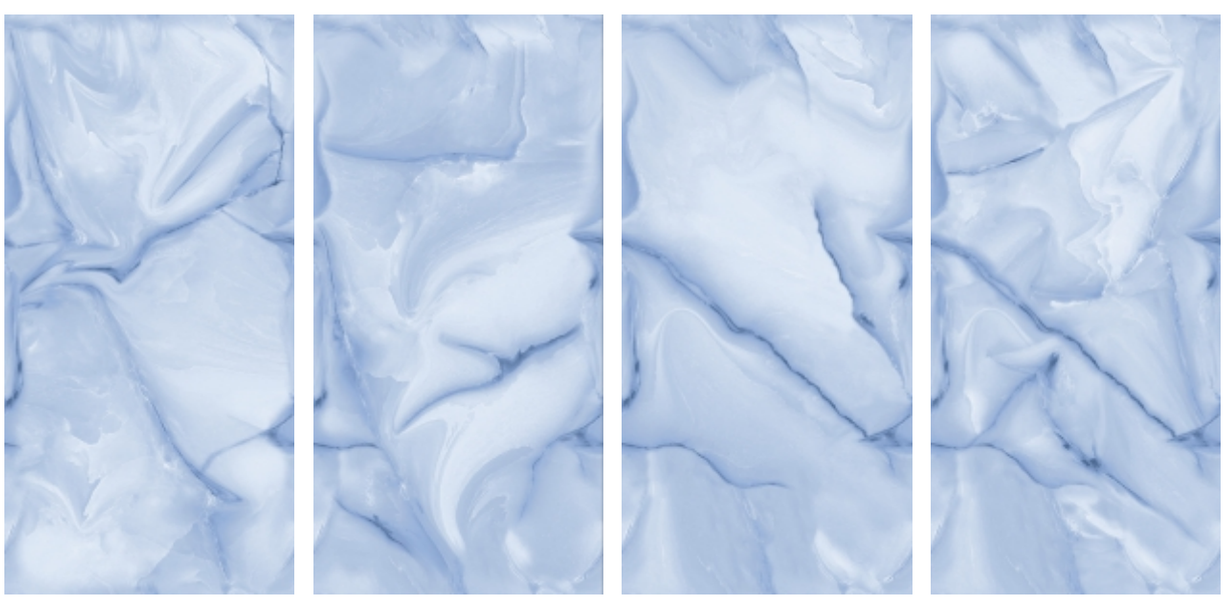




Preview Shown:
PGVT Endless Onyx Blue & PGVT Carara Marble

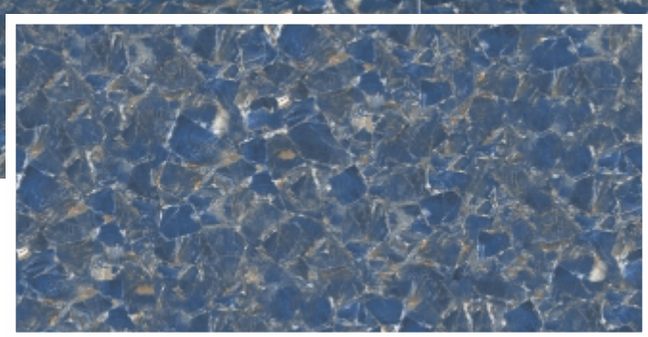


600x1200mm |
PGVT ENDLESS ONYX BLUE

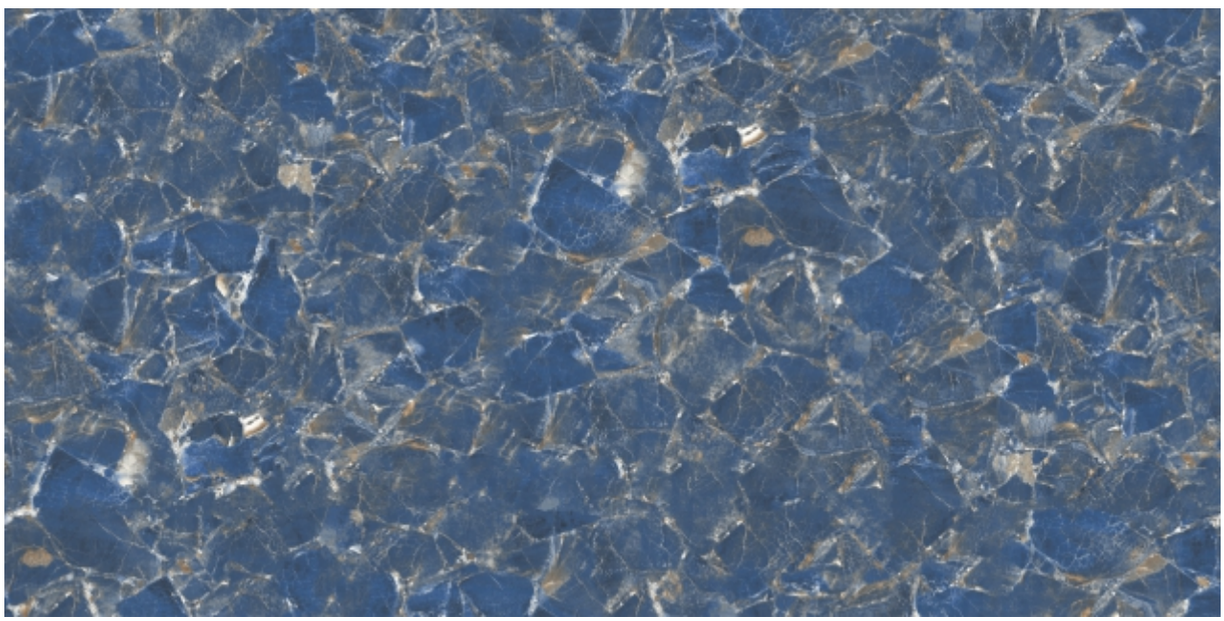


Super Gloss Crystal Blue Marble

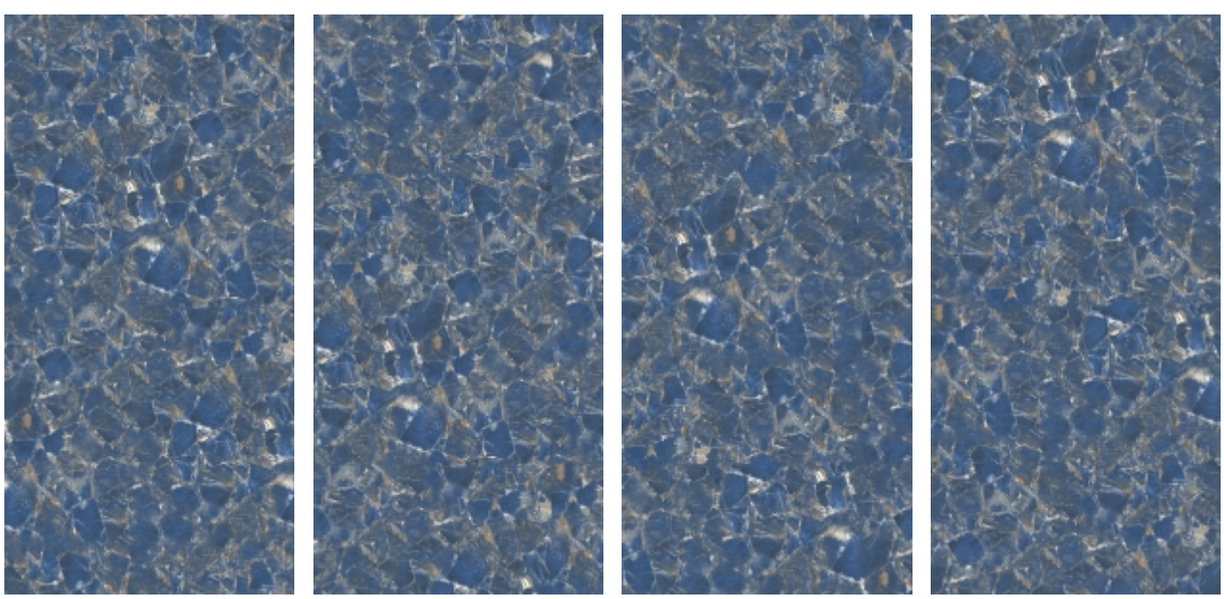




Preview Shown:
Super Gloss Crystal Blue Marble & PGVT Flagstone Grey



600x1200mm |
SUPER GLOSS CRYSTAL BLUE MARBLE



PGVT Giallo Siena

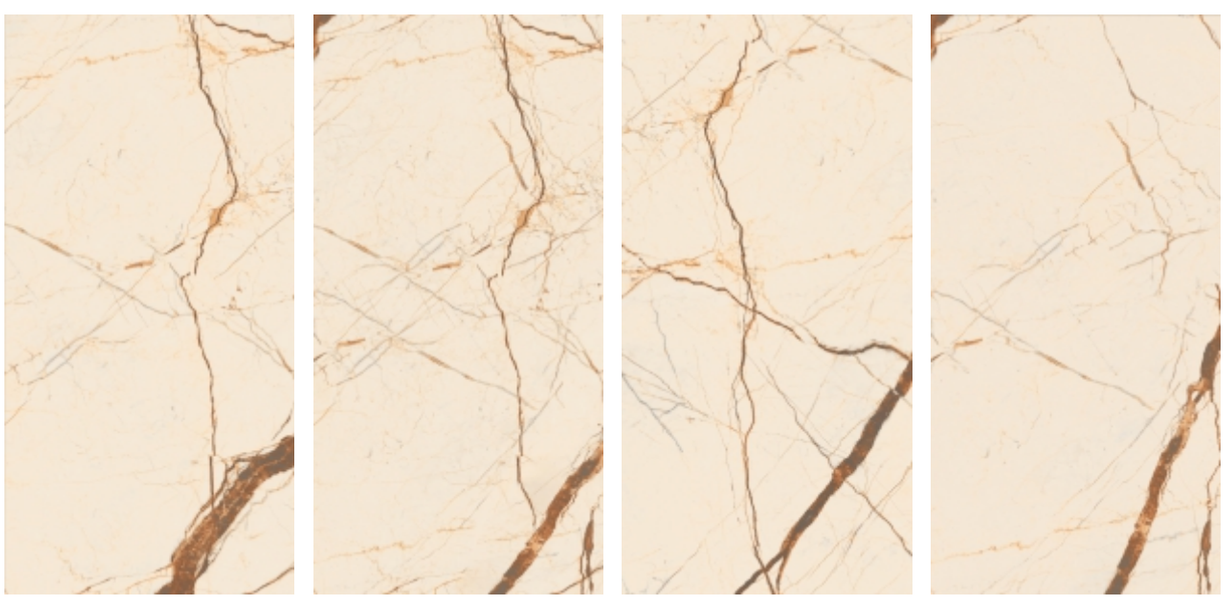




Preview Shown:
PGVT Giallo Siena

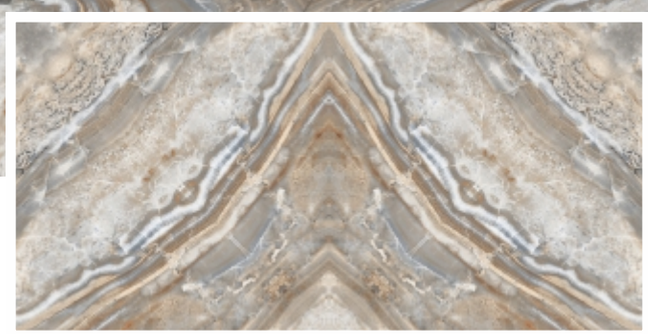


600x1200mm |
PGVT GIALLO SIENA

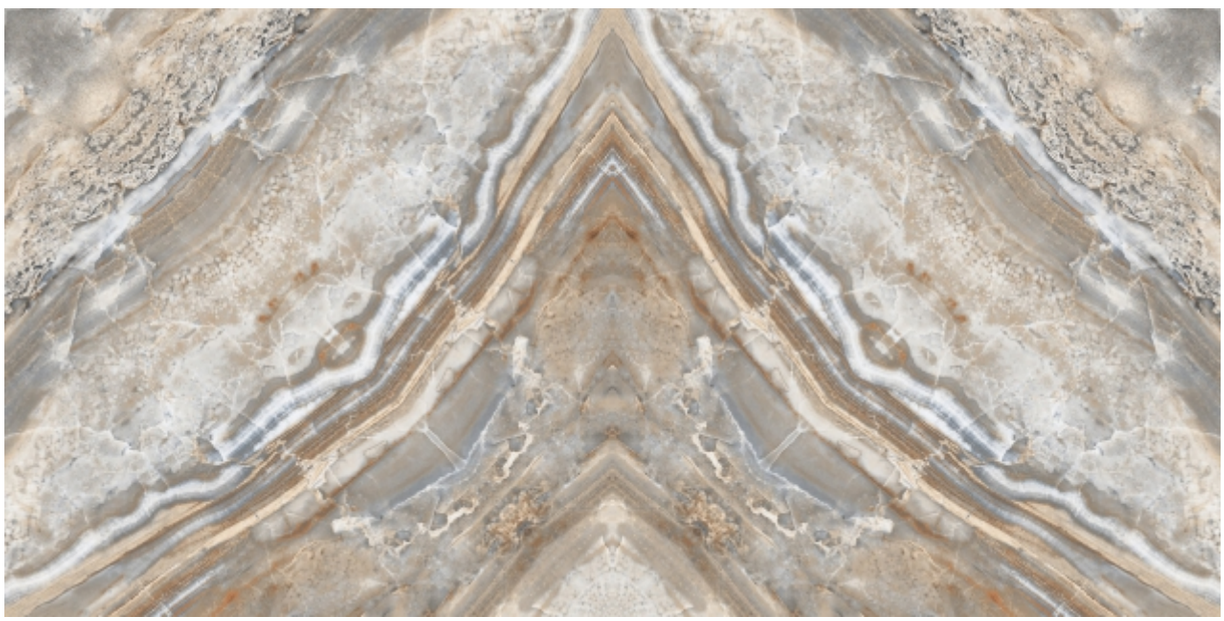


PGVT Triangle Onyx Multi BM

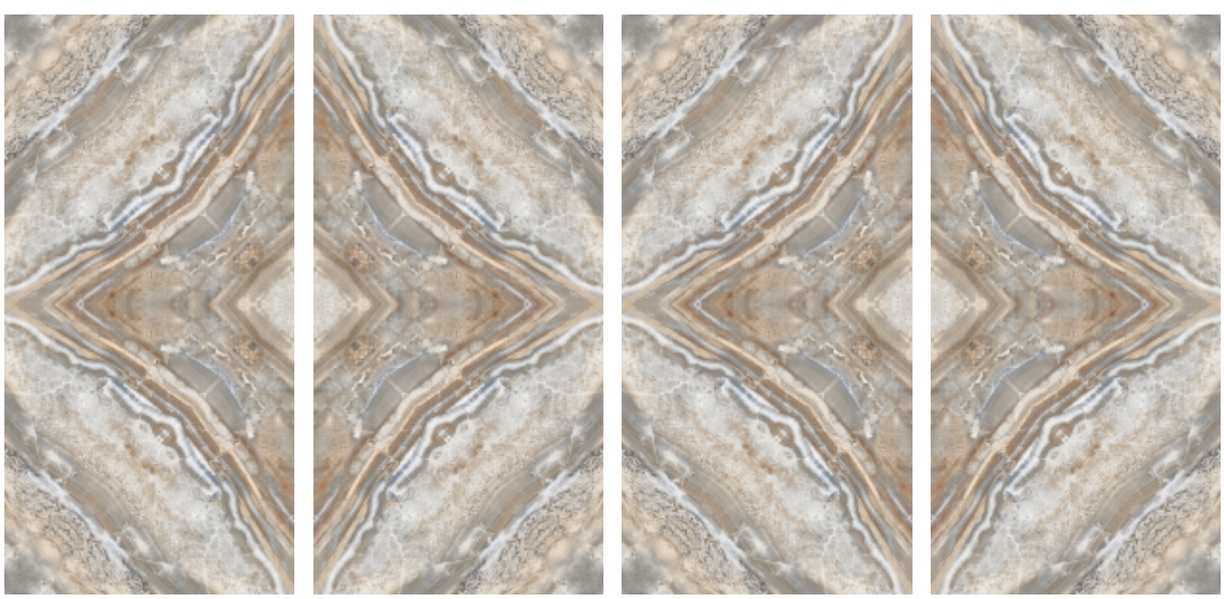




Preview Shown:
PGVT Triangle Onyx Multi BM



600x1200mm |
PGVT TRIANGLE ONYX MULTI BM



PGVT Classic Emperador Beige Marble





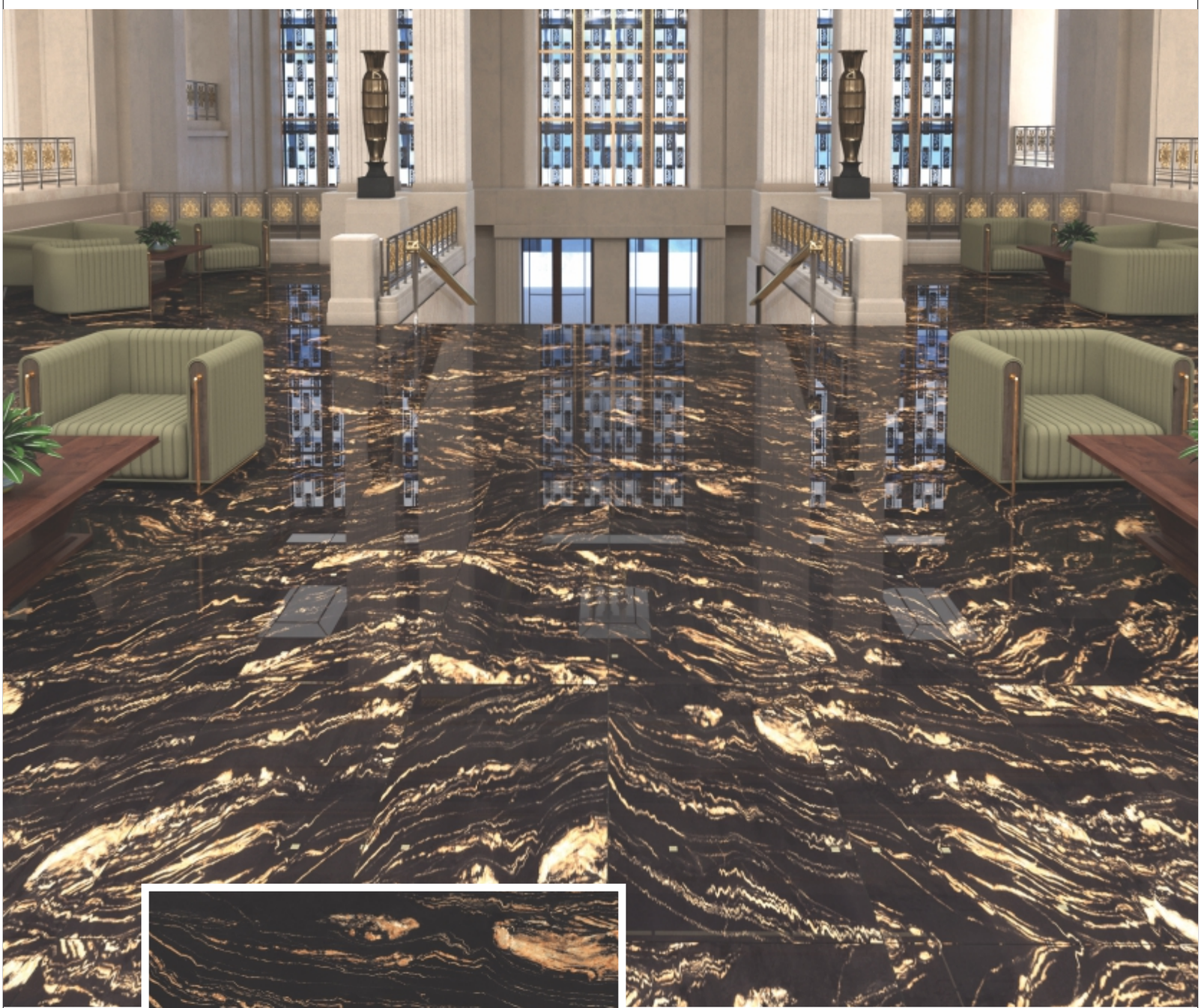
Preview Shown:
PGVT Classic Emperador Beige Marble & PGVT Triangle Onyx Multi BM

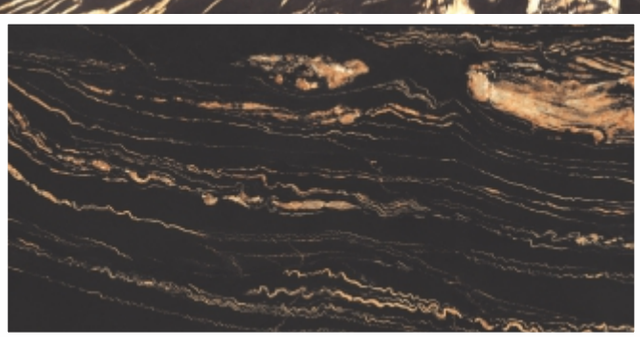


600x1200mm |
PGVT CLASSIC EMPERADOR BEIGE MARBLE

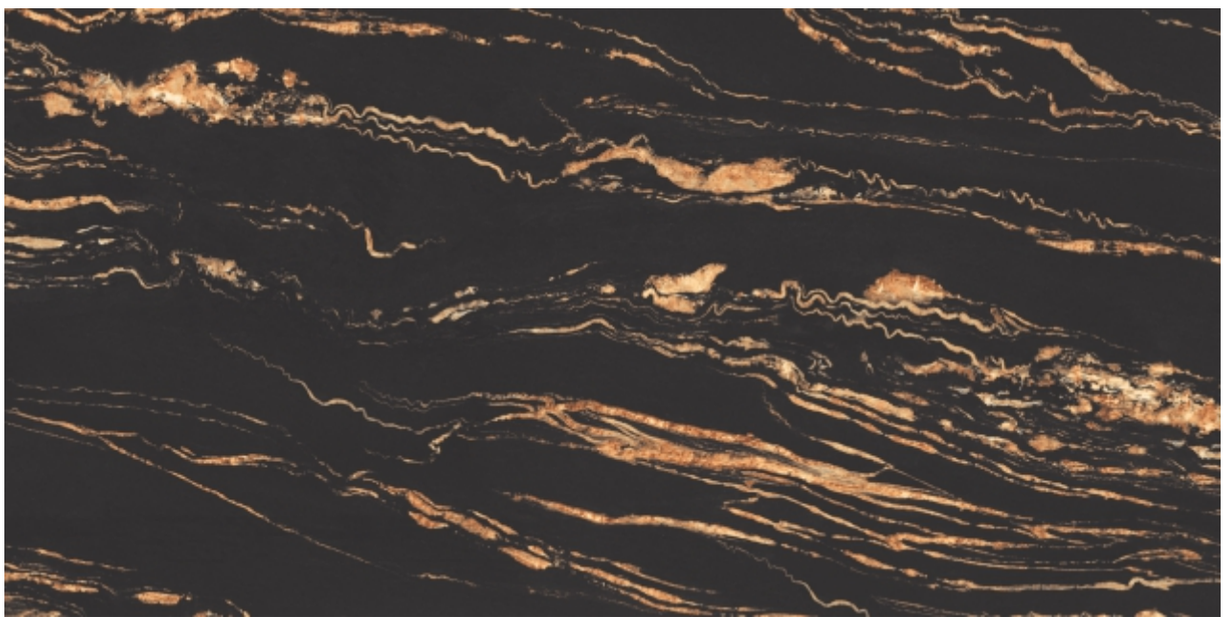


Super Gloss Agata Brown

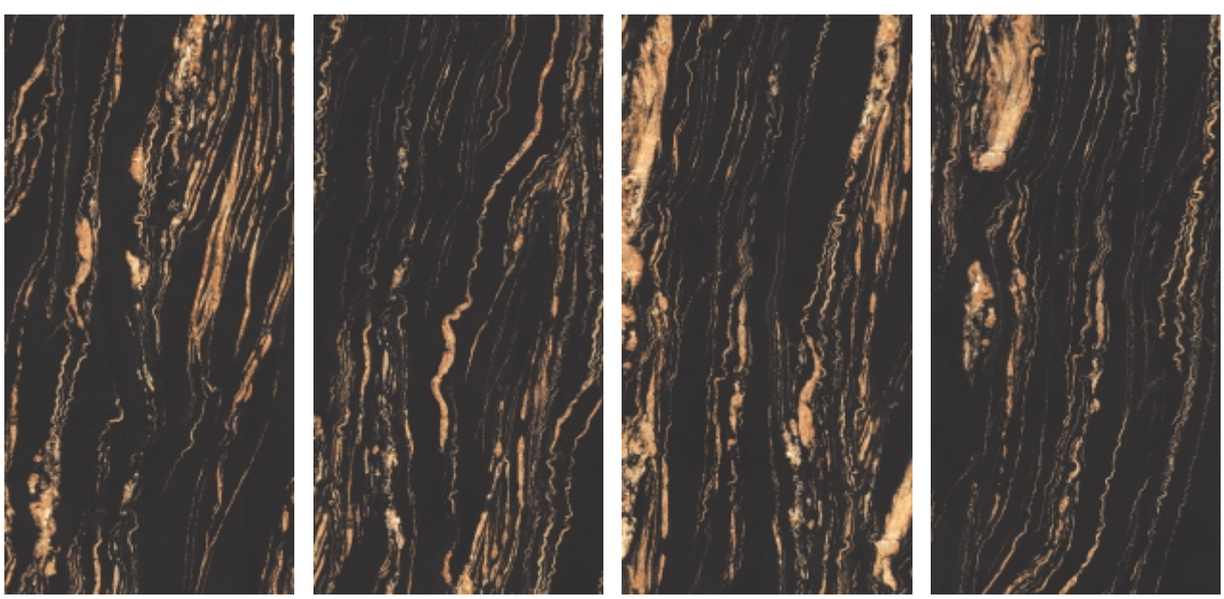




Preview Shown:
Super Gloss Agata Brown & Rocker Line Art Beige HL



600x1200mm |
SUPER GLOSS AGATA BROWN



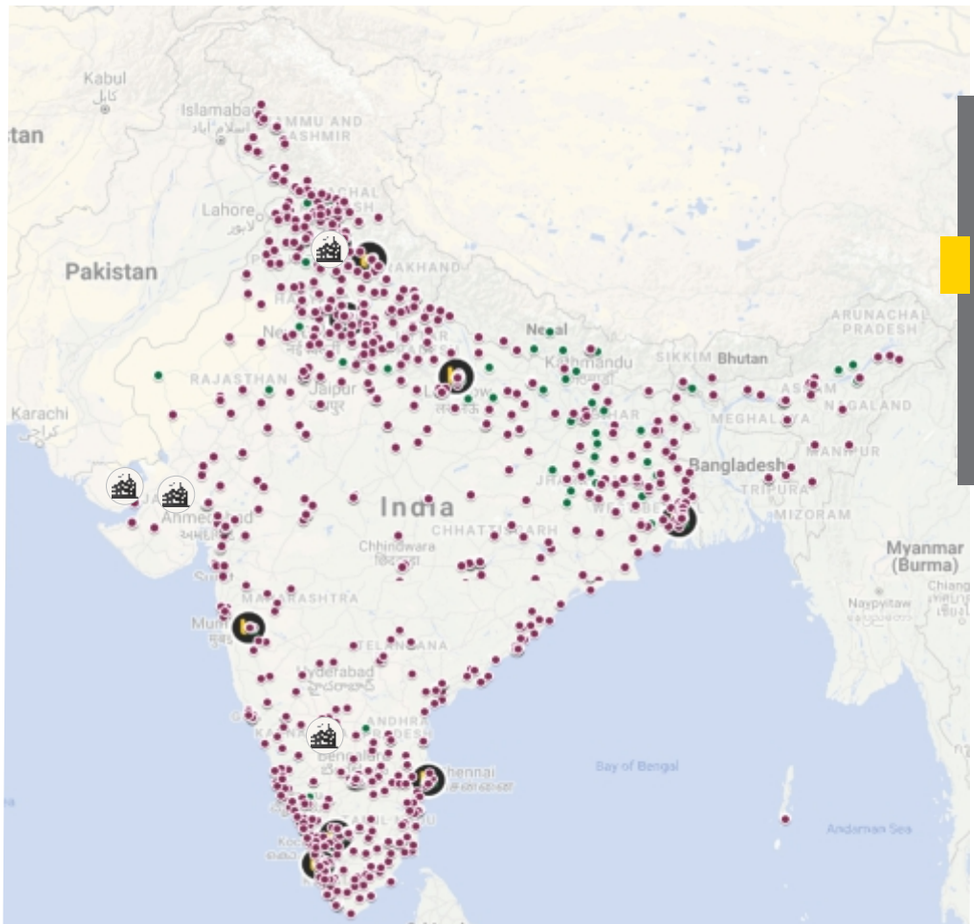
TECHNICAL SPECIFICATIONS Glazed Vitrified Tiles

Packing Details			
Size (In mm.)	**No. of Tiles Per Carton**	**Covered Area Per Carton** (In Sq. Mtr.)	(In Sq. ft.)
600X1200 (SKD)	2	1.44	15.5

Group B Ia as per ISO 13006:2012 and Group B Ib as per IS 15622:2017					
Characteristics	**Test Methods**	**Requirement as per ISO 13006 ≤ 0.5 Group B Ia**	**Requirement as per IS 15622:2017 0.08<E ≤ 3% Group B Ib**		**OBL Norms**
Dimension & Surface Quality	IS 13630 (Part 1):2006		**Unrectified**	**Rectified**	
Deviation in Length & Width		±0.6%	± 0.4%	± 0.1 %	± 0.1 %
Deviation in Thickness		±5%	± 5.0 %		± 4 %
Straightness of Sides		±0.5%	± 0.3 %	± 0.1 %	± 0.1 %
Rectangularity		±0.5%	± 0.3 %	± 0.1 %	± 0.1 %
Surface Flatness		±0.5%	± 0.5 %		± 0.2 % ☺☺
Surface Quality		Min. 95 % tiles should be free from visible defects	Min. 95 % tiles should be free from visible defects		Conforms
Physical Properties					
Water Absorption	IS 13630 (Part 2):2006	Avg ≤ 0.5, Individual max, 0.6	Avg 0.08<E ≤ 3, Individual 3.3, Max		Avg ≤ 0.5, Individual max, 0.6
Modulus of Rupture in [N/mm^2]	IS 13630 (Part 6):2006	Minimum 35, Individual 32, Min	Avg 30, Individual 27, Min		Avg 38 Min, Individual 35, Min ☺☺
Breaking Strength in N	IS 13630 (Part 6):2006	< 7.5 mm thickness: 700, Min ≥ 7.5 mm thickness: 1300, Min	< 7.5 mm thickness: 700, Min ≥ 7.5 mm thickness: 1100, Min		1500 Min ☺☺
Moisture Expansion in mm/m	IS 13630 (Part 3):2006	Declare Value	0.02, Max		< 0.02
Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13):2006	NA	5, Min		5 to 8 Depending on Design/Surface
Resistance to Surface Abrasion of Glazed Tiles (Class I to V)	IS 13630 (Part 11):2006	Test Method Available	Class II, Min		Class-III to Class-V Depending as per Design / Surface ☺
Co-efficient of Linear Thermal Expansion from ambiant temperature to 100°C	IS 13630 (Part 4):2006	Test Method Available	$7x10^{-6}K^{-1}$, Max		Conforms
Thermal Shock Resistance	IS 13630 (Part 5):2006	Test Method Available	10 cycles, Min		Passed
Crazing Resistance	IS 13630 (Part 9):2006	Test Method Available	4 Cycles@7.5 bar, Min		4 Cycle @ 7.5 Bar Min ☺
Frost Resistance	IS 13630 (Part 10):2006	Required	Required		Resistance
Bulk Density, in (g/cc)	IS 13630 (Part 12):2006	NA	2.0, Min		> 2.1
Impact Resistance-Coefficient of Restitution	IS 13630 (Part 14):2006	Manufacturer to State	0.55, Min		0.7-0.85
Chemical Properties					
Resistance to Staining of Glazed Tiles	IS 13630 (Part 8):2006	Min, Class 3	Class I, Min		Conforms
Resistance to Household Chemicals		Min, GA	Class AA, Min		Conforms
Resistance to Acids and Alkalis (with exception of hydrofluoric acid and its compounds)		Test Method Available	Required, if agreed		Conforms

NOTE: Certain amount of Size and Shade Variation is inherent in all ceramic products. Within the limits of printed material, the colors and aesthetics of the products correspond closely to those of illustrated products. Prospective customers are advised to inspect a sample of the tile before ordering and laying. At all points of time, the company liability is restricted to the purchase value of tiles.

Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to delete & change, any of the items, colors, sizes & technical specifications without any prior notice.



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- Company Owned Boutiques
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Ashok Nagar, (Above Kotak Mahindra Bank), Chennai-600 083,
Tel.: +91 44 4213 8687

COCHIN
"SURYA GAYATRI", Building No. 32/8, B3, Puthiya Road, New Junction,
(Opposite Holiday Inn Hotel) Ernakulam By Pass Road, Cochin-682 031
Tel.: +91 97457 68058

COIMBATORE
11, 1st Floor, Venkata Samy Road (East), R.S. Puram,
Coimbatore-641 002,
Tel.: +91 89799 41666

DEHRADUN
Duggal Complex (Near Kamla Palace Hotel), GMS Road,
Dehradun-248 001,
Tel.: +91 97197 01064

KOLKATA
8/1, Burdwan Road, Alipore, Kolkata-700 027,
Tel.: +91 33 4068 4046/7

LUCKNOW
Raj Rani Apartment, Ground Floor, Near Beej Nigam, Badhshah Nagar Railway
Station, Lucknow-226 006,
Tel.: +91 99847 86404

NEW DELHI
M-47, GK-II, M Block, New Delhi-110 048,
Tel.: +91 11 4068 7468/69

PUNE
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Shankarasheth Road, Gultekdi, Swargate, Pune-411 037
Tel.: +91 73910 72247

VADODRA DISPLAY CENTRE
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Fax: +91 -5735 222 642

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OBL/ 600x1200 mm/ Inspire 3.0 Catalogue/April 2021