

PGVT ROSALIE BEIGE

G3  
R2  
F2



DGV TALI IVORY

G5  
R2  
F2



PGVT TRAVERTINE CREMA

G3  
R3  
F4

Color Variants



PGVT MORACCO BEIGE

G3  
R2  
F3



PGVT SOFITEL GOLD VEIN MARBLE

G3  
R4  
F4



PGVT DEMRE BEIGE

G3  
R2  
F2

Color Variants

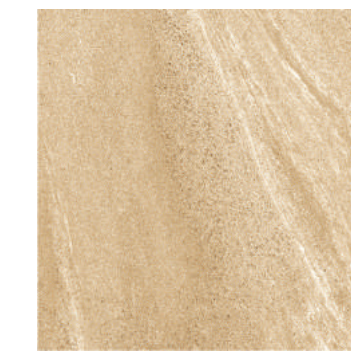


Preview Shown: PGVT ISTAN IVORY



DGV CHEVRON WEAVE

G5  
R1  
F1



DGV PERLATO BROWN

G5  
R3  
F3

Color Variants



PGVT DEMRE BROWN

G3  
R2  
F2

Color Variants



PGVT ONYX VERDE

G3  
R2  
F4



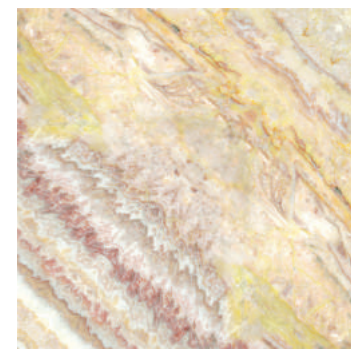
PGVT ONIXO BEIGE

G3  
R3  
F4



PGVT BOLOGNA CREMA

G3  
R3  
F4



PGVT NATURAL ONYX BROWN BM

G3  
R1  
F1



PGVT PRIME DYNA BEIGE

G3  
R2  
F4

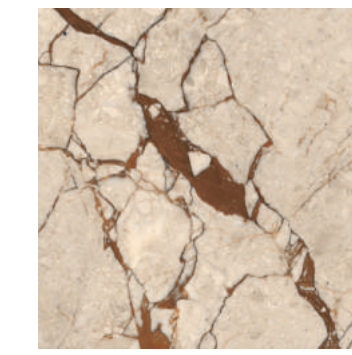


DGV PRIME DYNA BEIGE

G5  
R2  
F2



Preview Shown: PGVT PRIME DYNA BEIGE



PGVT SOFITA BEIGE MARBLE

G3  
R4  
F4



DGV CEMENTO SAND

G5  
R2  
F4

Color Variants



DGV CEMENTO BEIGE

G5  
R2  
F4

Color Variants



PGVT MAKSI DOT FLAKS MULTI

G3  
R2  
F4

Color Variants



PGVT BOTTICINO MARFIL

G3  
R3  
F4



DGV PERLATO IVORY

G5  
R3  
F3

Color Variants



PGVT SILVER FALLS NATURAL BEIGE

G3  
R2  
F4

Color Variants



LAPATO BIBLO BEIGE

G4  
R1  
F1

Color Variants



PGVT ISTAN BROWN

G3  
R2  
F2

Color Variants



PGVT - S N SLATE CREMA

G3  
R2  
F4

Color Variants



Preview Shown: LAPATO BIBLO BROWN



DGV TRAVERTINE BEIGE

G5  
R3  
F4



PGVT TURIN BROWN

G3  
R2  
F2



PGVT TRAVERTINE BROWN

G3  
R2  
F2

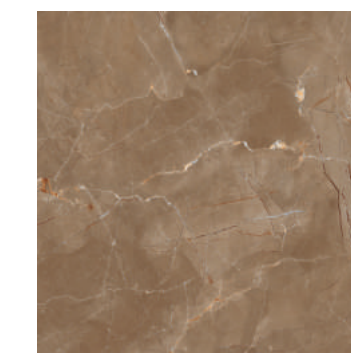
Color Variants



LAPATO BIBLO BROWN

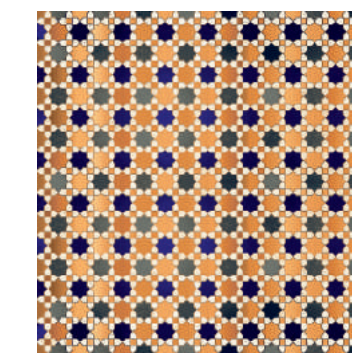
G4  
R1  
F1

Color Variants



PGVT ARMANI MARBLE BROWN

G3  
R3  
F4



DGV NORMAN MULTI

G5  
R1  
F1



DGV JUNGU BRONZE

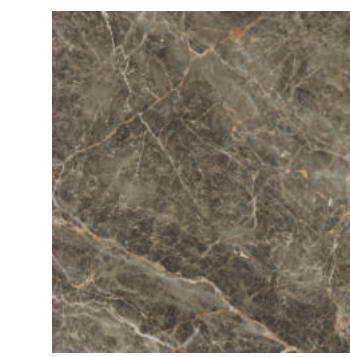
G5  
R3  
F4



DGV NATURAL ROCK GREY DARK

G5  
R4  
F4

Color Variants



PGVT EMPERADOR BEIGE

G3  
R3  
F4



DGV CYPRESS WOOD CREMA

G5  
R2  
F4



LAPATO MAHAGONY BROWN

G4  
R3  
F3



DGV JUNGU BROWN

G5  
R2  
F2



DGV ROCCO BROWN

G5  
R3  
F4



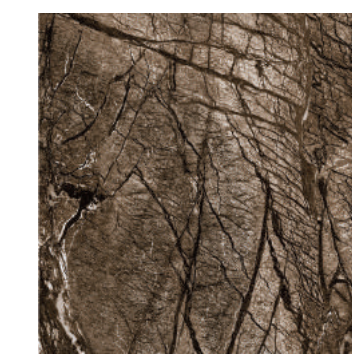
DGV ROSEWOOD BROWN

G5  
R2  
F3



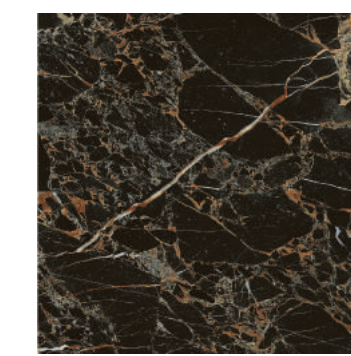
DGV CYPRESS WOOD ASH

G5  
R3  
F4



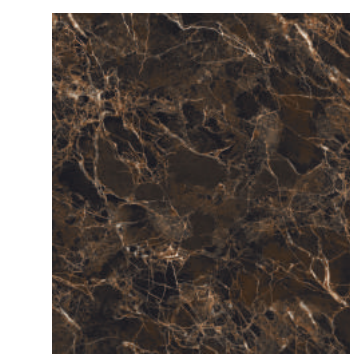
SUPER GLOSS TAURUS BLACK

G3  
R3  
F4



SUPER GLOSS PORTORO GOLD

G3  
R3  
F4



SUPER GLOSS EMPERADOR GOLD MARBLE

G3  
R3  
F4



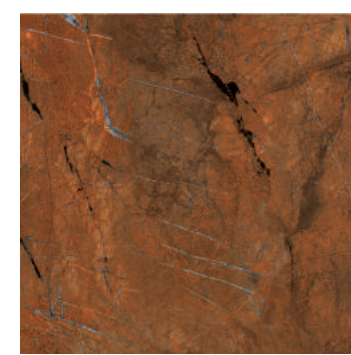
DGV RIO WOOD

G5  
R2  
F2



DGV YELLOW BIRCH WOOD

G5  
R2  
F4



SUPER GLOSS MYSTIC BROWN

G3  
R3  
F4



DGV ROSEWOOD SANDUNE

G5  
R2  
F2



DGV CEMENTO GRIS

G5  
R2  
F4

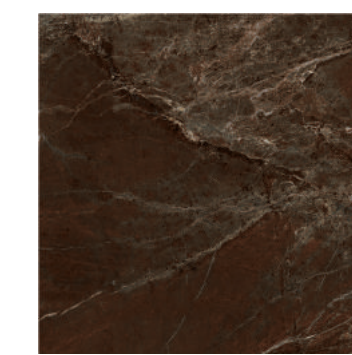
Color Variants



DGV CEMENTO BROWN

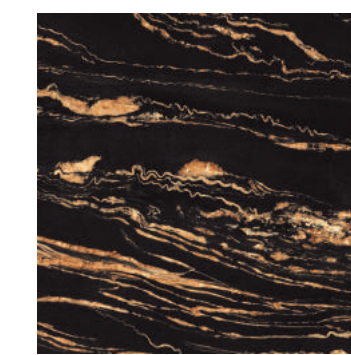
G5  
R2  
F4

Color Variants



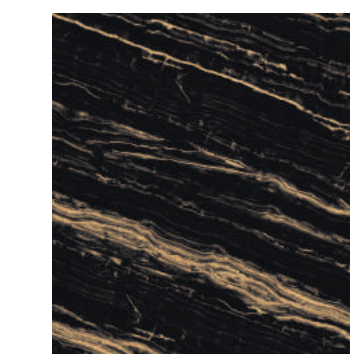
SUPER GLOSS TAURUS BROWN

G3  
R3  
F4



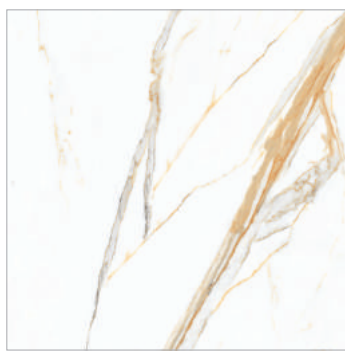
SUPER GLOSS AGATA BROWN

G3  
R3  
F4

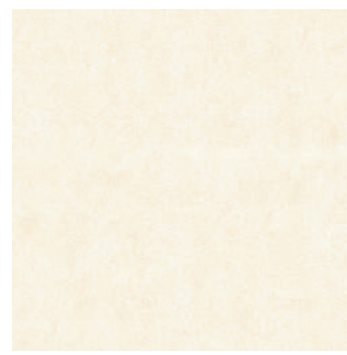


SUPER GLOSS AGATA GRANITE GOLD

G3  
R3  
F4



PGVT STATUARIO MARBLE GOLD



DGVV REAL IVORY



PGVT ISTAN IVORY



DGVV VITARA IVORY



PGVT MYRA IVORY



DGVV CEMENTUM CREMA



PGVT SKY ONYX MULTI BM



DGVV CEMENTO CREMA



DGVV ROUGH STONE CREMA

### TECHNICAL SPECIFICATIONS Glazed Vitrified Tiles

Packing Details			
Size	No. of Tiles Per Carton	Covered Area Per Carton	
1 (In mm.)		(In Sq. Mtr.)	
600x600 (24x24)	4	1.44	15.5

Characteristics	Test Methods	Requirement as per ISO 13006 & 0.3 Group B Ia		OBL Norms
		Unrefined	Refined	
Dimension & Surface Quality				
Deviation in Length & Width		±0.4%	±0.1%	±0.1%
Deviation in Thickness		±5%	±5.0%	±4%
Straightness of Sides		±0.3%	±0.3%	±0.1%
Rectangularity	IS 13630 (Part 1):2006	±0.3%	±0.3%	±0.1%
Surface Flattness		±0.3%	±0.3%	±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 0.08-1.0 < 3, Individual 3.3, Max	Avg < 0.5, Individual max. 0.6
Modulus of Rupture in (N/mm <sup>2</sup> )	IS 13630 (Part 6):2006	Minimum 35, Individual 32, Min	Avg 35, 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 Ia to V)	IS 13630 (Part 11):2006	Test Method Available	Class I, Min	Class II to Class V Depending on Design/Surface
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100°C	IS 13630 (Part 4):2006	Test Method Available	7x10 <sup>-6</sup> , Max	Conforms
Thermal Shock Resistance	IS 13630 (Part 5):2006	Test Method Available	10 cycles, Min	Fused
Choking 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	Required
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		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)	IS 13630 (Part 8):2006	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.

#### Application Areas



600x600mm

# Floor Tiles Inspired By Nature

Glazed Vitrified Tiles

www.orientbell.com

PGVT - Polished Glazed Vitrified Tiles (Gloss)  
DGVV - Digital Glazed Vitrified Tiles (Matte)



PGVT S TRAVERTINO BEIGE



PGVT PORINO IVORY



PGVT GROOVE CREMA



PGVT PORINO GREY



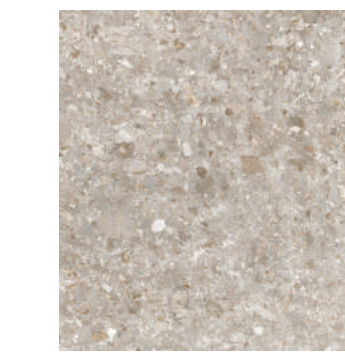
DGVV PARADISE



PGVT SILVER FALLS NATURAL GREY



PGVT PORINO BEIGE



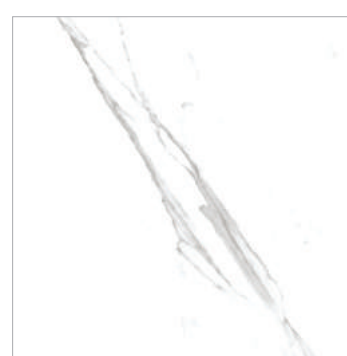
DGVV EPOXY FLAKES GREY



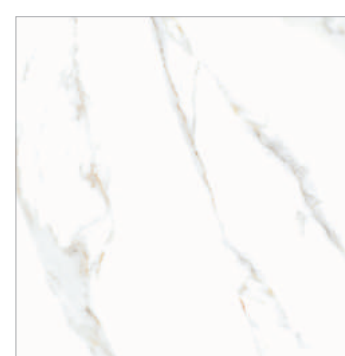
DGVV NATURAL ROCK GREY LIGHT



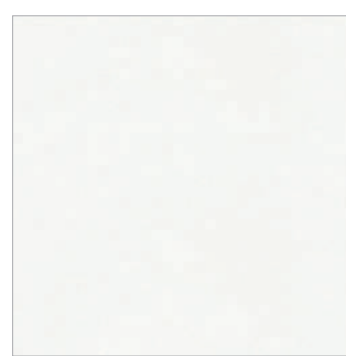
PGVT CARARA ELEGANCE



PGVT CARARA BIANCO MARBLE



PGVT MAKRANA BIANCO



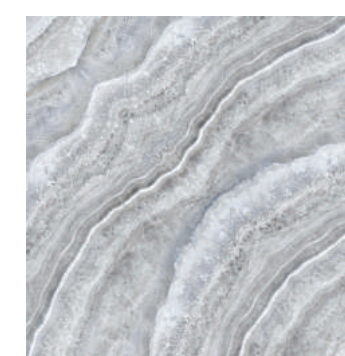
LAPATO DIVA GREY LIGHT



DGVV BARCA GREY



PGVT SPICE GRIS



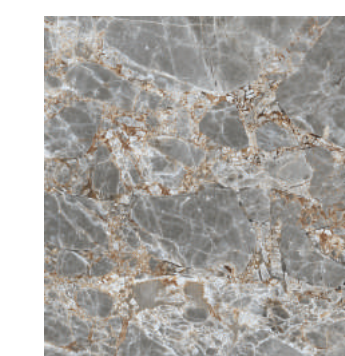
PGVT ONYX GREY BM



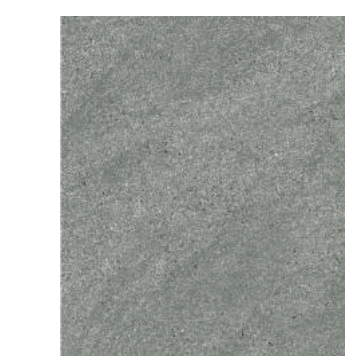
DGVV BARCA SLATE



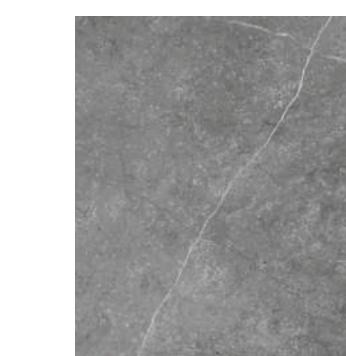
PGVT GREY STONE MARBLE



PGVT EMPERADOR STONE MARBLE



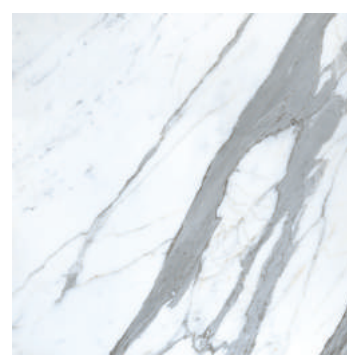
DGVV MODENA SLATE



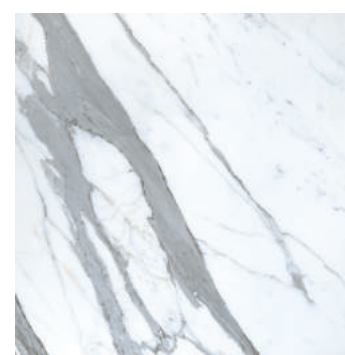
PGVT GRIGIO MARBLE GREY



PGVT ELEGANT STATUARIO



PGVT MARIANA MARBLE-A



PGVT MARIANA MARBLE-B



DGVV CEMENTO GREY



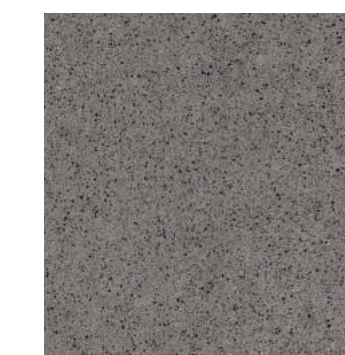
DGVV MODENA GREY



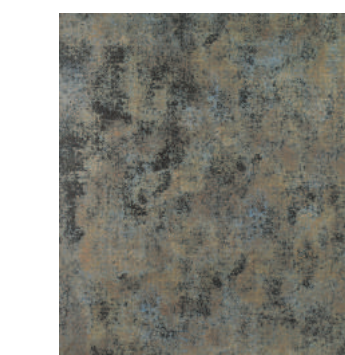
PGVT GRIGIO MARBLE SILVER



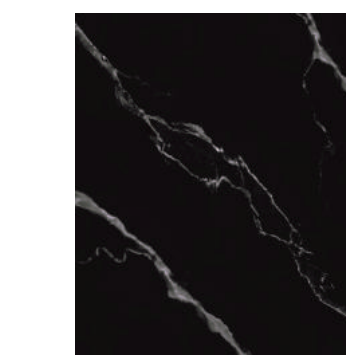
Preview Shown: PGVT ONYX GREY BM



PGVT MAKSI DOT FLAKES BLACK



DGVV JUNGJI MULTI



SUPER GLOSS BELGIUM BLACK MARBLE



PGVT STATUARIO ULTRA



PGVT MARVEL BIANCO



SATIN ONYX SILVER



PGVT PRIME DYNA GREY



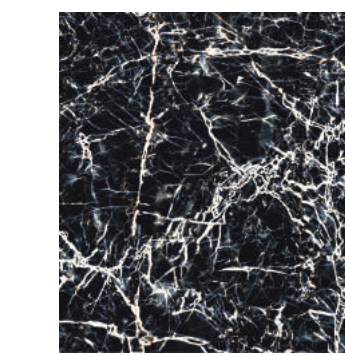
DGVV DERBY SILVER



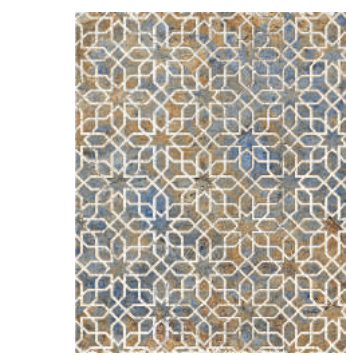
PGVT MAKSI DOT FLAKES GREY



SUPER GLOSS NEGRO MARBLE



SUPER GLOSS THUNDER BLUE MARBLE



DGVV ANKARA MULTI