



SKD FLOOR TILES
COLLECTION **2020**
600X1200 MM



About OBL

Orient Bell Limited (OBL) is amongst the largest manufacturers of Wall & Floor Tiles. It's roots in the tile industry can be traced as early as 1977.

OBL has always been a pioneer in the Industry with a focus on customer-centric innovation. It was the first to manufacture ultra-vitrified tiles. For OBL, new product design & development is a continuous process. As a result it has an extensive range of tiles with various finishes & textures. It has 4 patent-pending technologies: Forever Tiles, GermFree Tiles, Cool Tiles & Life Tiles.

OBL has a chain of signature showrooms to display this extensive range of tiles. It is privileged to be associated with premier architects and construction agencies of the country. It counts most leading developers as well as government & public sector institutions as its customers.



Introduction of new identity


Received ISI mark for
 Sikandarabad
 manufactured products.

Merger completed with Bell
 Ceramics and company renamed
 to Orient Bell Limited, with
 2 brands and 3 plants.

Orient acquires Bell Ceramics

1st Indian manufacturer to
 hire a European as a Chief
 Product & Solution Designer.

1st Channel Partner
 Owned OBTB launch
 Shiv Ram Tiles Company, Patna

1st bonus for
 shareholders issued in
 the ratio of 1:1.

Mr. M.K.Daga, veteran tile
 technologist takes over the
 management.

2018

New Production Line in Sikandarabad Plant
 for big sizes of Glazed Vitrified Tiles

2017

Equity Partnership with Proton.

2016

Won the "Certificate of Merit" in
 National Energy Conservation
 Award'2016 organized by Ministry
 of Power for Saving Power and
 Fuel Consumption.

2015

2013

OBL files 4th Patent
 (Pending Registration).

Company Owned
 OBTB Launch in Dehradun.

2012

2011

Awarded Power Brand Status.

2010

2009

Enters the luxury home décor
 segment. Records the highest
 profit growth in the industry.

2008

2007

2nd Bonus for shareholders
 issued in the ratio of 5:4.

2005

2004

Accredited with ISO
 9001:2000 and OHSAS
 18000:1999.

2000

1994

Joins forces with SACMI,
 Impianti SPA, Italy for
 technical interaction.

1993

1977

Incorporated as a
 Public Limited Company.



At OBL we believe in excellence. The ISO 9001:2015 accreditation for our quality control management systems reflects this quest for manufacturing products that meet international standards. In 2015 our Sikandarabad plant was awarded with prestigious ISI certification for its products.

As early as in May 2000, OBL was awarded the prestigious ISO 14001 certification by the internationally recognised BSI Management Systems, UK. Our manufacturing units are ISO 14001:2015 certified, the most complete and global expression for an environment friendly industrial company.

We believe in making great products in a safe, healthy and environment friendly way. We have been awarded OHSAS 18001 Certification for Health & Safety Standards. No waste water is ever discharged from our factory.

OBL won the "Certificate Of Merit" in 'National Energy Conservation Award' 2016 organised by Ministry of Power for saving Power and Fuel consumption.



Marble



West Zone Tiles

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Code Description

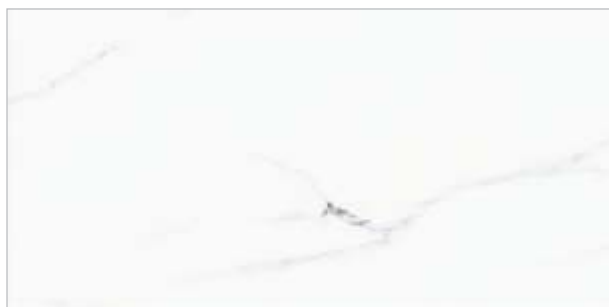
DGVT-Digital Glazed Vitrified Tiles | PGVT- Polished Glazed Vitrified Tiles | OT-Orient Tile | PCG- Porcelain Gloss
ODG-Orientbell Digital Gloss | ODM- Orientbell Digital Matte | ODP- Orientbell Digital Porcelain
OEM- Orientbell Elevation Matte | DC-Double Charge | PDC-Printed Double Charge | PVT-Polished Vitrified Tiles
R1-No Variation | R2-Slight Variation | R3-More Variation | R4- Most Variation
F1-1 Face | F2-2 Face | F3-3 Face | F4-4 Face | F5-5 Face | F6-6 Face | F7-7 Face | F8-8 Face
G1, G2, G3, G4, G5 (Grouping) are as per technical parameters



600X1200 MM | PGVT SUPER WHITE



600X1200 MM | PGVT STATUARIO MARBLE



600X1200 MM | PGVT CARARA MARBLE



600X1200 MM | PGVT CARRARA NATURA

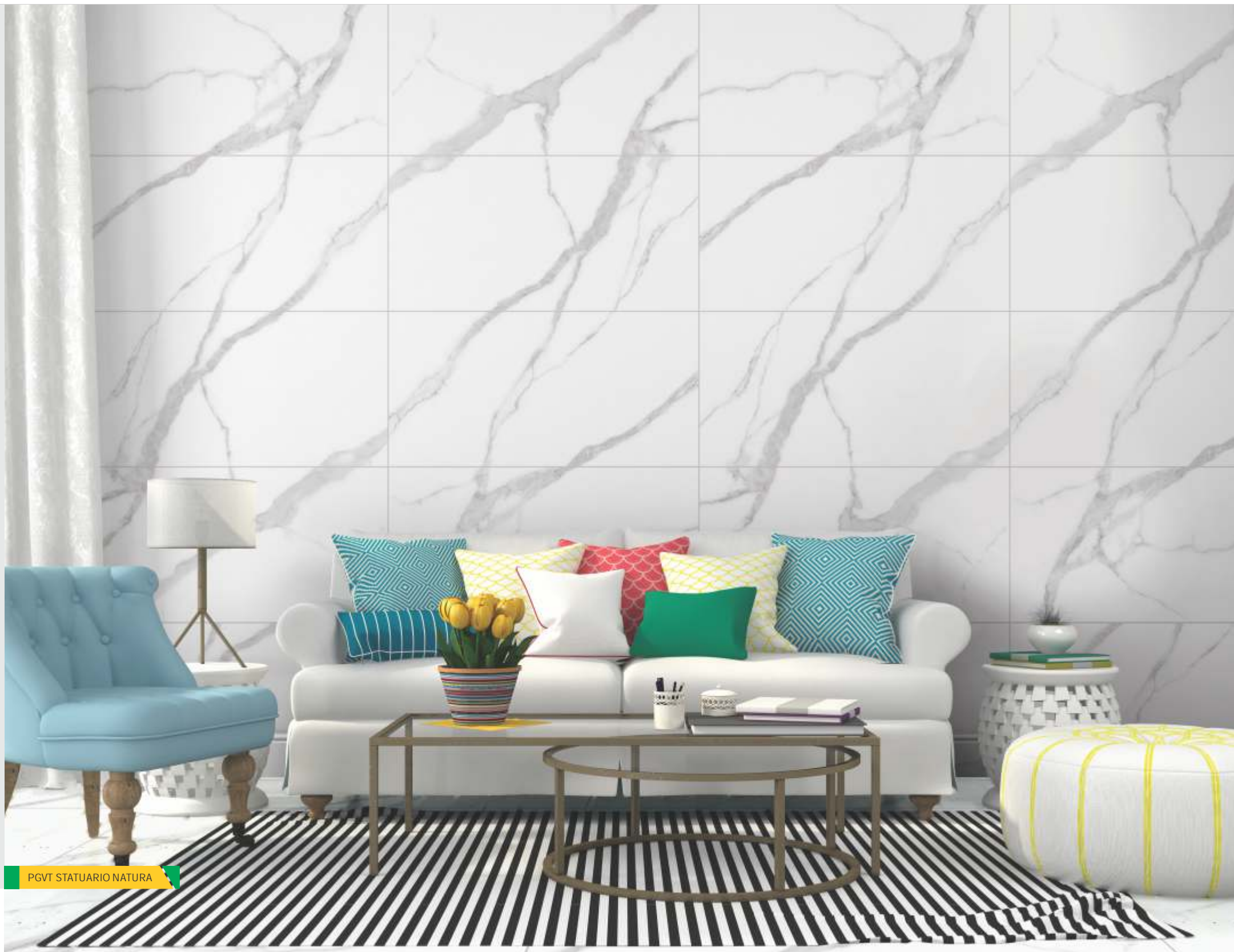


600X1200 MM | PGVT CALACATTA NATURA



All shown tiles are Glossy





PGVT STATUARIO NATURA



600X1200MM | PGVT STATUARIO NATURA

The best of Statuario's are whitest white and have continuous veins running end to end of the slab. We built that into our tiles.



Shown tiles is Glossy





GL
GLOSS
G3
F4
R3

600X1200MM | PGVT TRAVERTINE BROWN



GL
GLOSS
G3
F4
R3

600X1200MM | PGVT TRAVERTINE BEIGE



GL
GLOSS
G3
F4
R3

600X1200MM | PGVT TRAVERTINE CLASSIC BRONZE



GL
GLOSS
G3
F4
R3

600X1200MM | PGVT TRAVERTINE GREY



600X1200MM



GL
GLOSS
G3
R2
F4

600X1200 MM | PGVT TRAVERTINO MARBLE



MT
MATTE
G5
R2
F4

600X1200 MM | ROCKER TRAVERTINO GOLD



GL
GLOSS
G3
F4
R3

600X1200 MM | PGVT TRAVERTINE ONYX





SUPER GLOSS TAURUS BLACK MARBLE & PGVT STATUARIO MARBLE

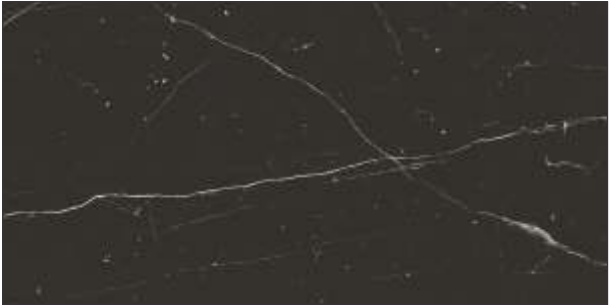


SUPER GLOSS BLACK MARBLE



600X1200 MM | SUPER GLOSS TAURUS BLACK MARBLE

G3
R2
F4



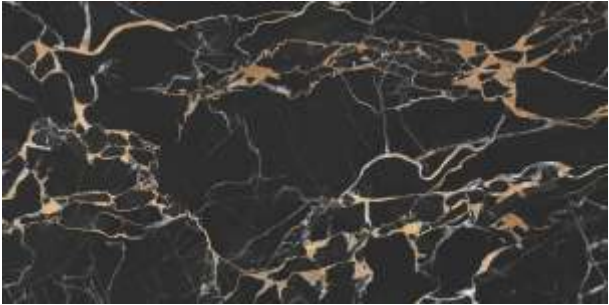
600X1200 MM | SUPER GLOSS BLACK MARBLE

G3
R3
F4



600X1200 MM | SUPER GLOSS TORONTO MARBLE

G3
R2
F4



600X1200 MM | SUPER GLOSS PORTORO GOLD MARBLE

G3
R2
F4

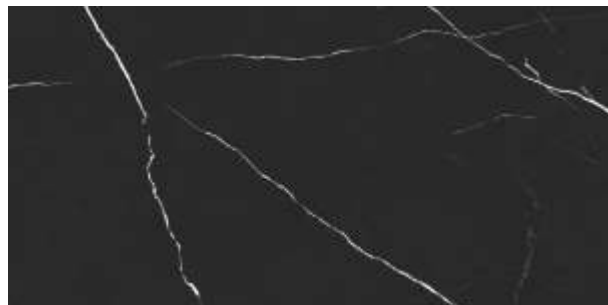
All shown tiles are Glossy



600X1200MM



SUPER GLOSS MARQUINA BLACK



600X1200MM | SUPER GLOSS MARQUINA BLACK

G3
F4
R3



600X1200MM | SUPER GLOSS MARMI GRAFITE

G3
F4
R3



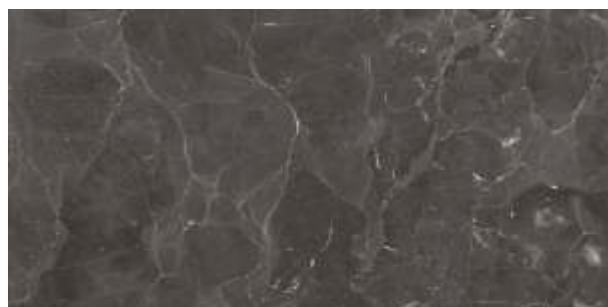
600X1200MM | SUPER GLOSS PIETRA GREY

G3
F4
R3



600X1200MM | SUPER GLOSS IGNEOUS ROCK

G3
F4
R3



600X1200MM | SUPER GLOSS EMPERADOR DARK

G3
F4
R3



600X1200MM | SUPER GLOSS ARCTIC BLACK

G3
F4
R3

All shown tiles are Glossy



600X1200MM



SUPER GLOSS WAVE BLUE MARBLE & SUPER GLOSS EMPERADOR BROWN



Make your living room a space you enjoy coming together for quality time.



600X1200 MM | SUPER GLOSS EMPERADOR BROWN



600X1200 MM | SUPER GLOSS WAVE BLUE MARBLE



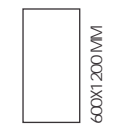
600X1200 MM | SUPER GLOSS MARQUINA BLUE

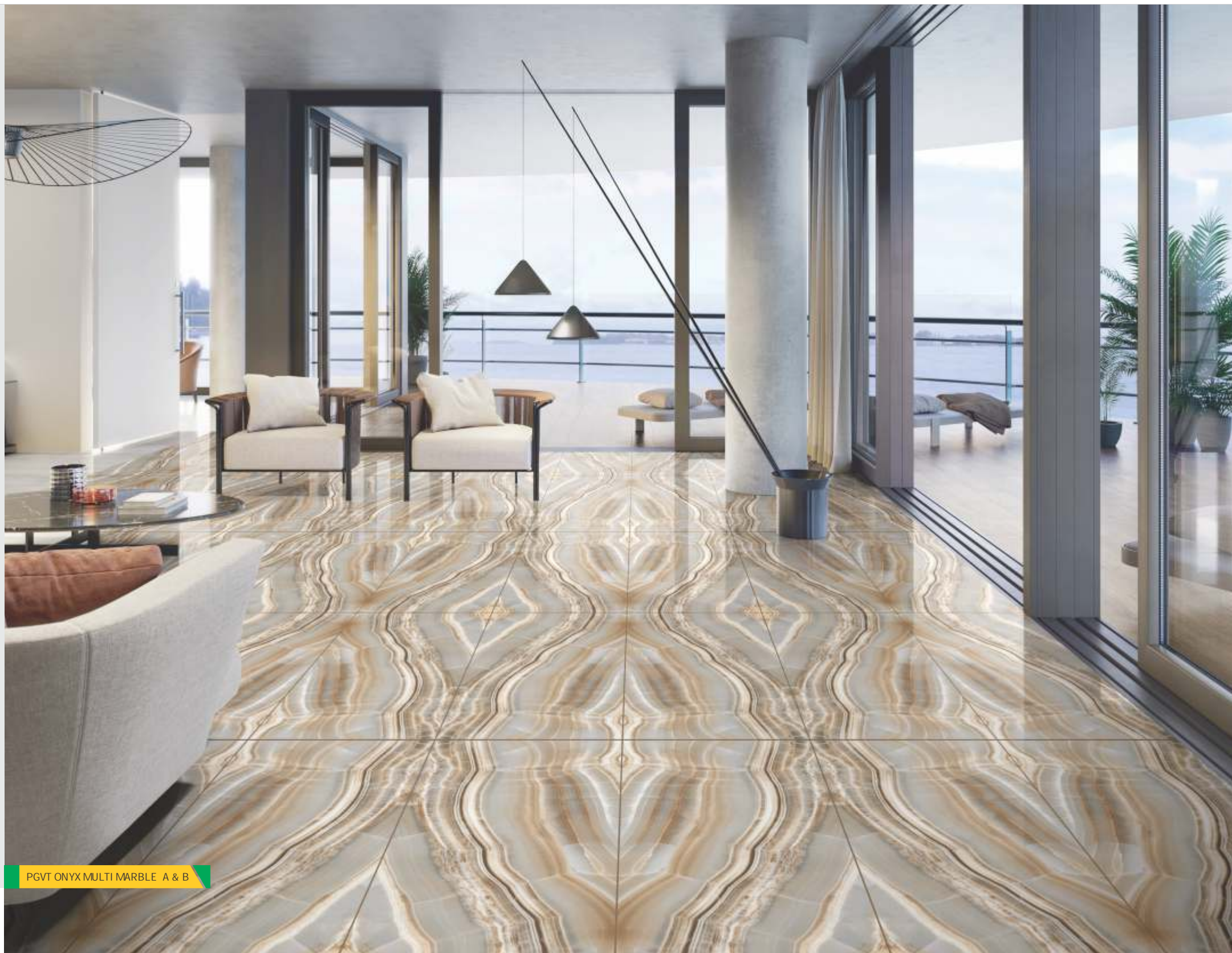


600X1200 MM | SUPER GLOSS MONACO GREY

SUPER GLOSS WAVE BLUE MARBLE

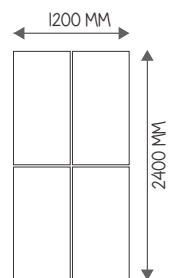
All shown tiles are Glossy





PGVT ONYX MULTI MARBLE A & B

Bookmatch
laying drawing



All shown tiles
are Glossy



Tile Faces
representation



G3
R1

600x1200 MM | PGVT ONYX MULTI MARBLE-A



G3
R1

600x1200 MM | PGVT ONYX MULTI MARBLE-B



PGVT CALIFORNIA BEIGE & SUPER GLOSS TAURUS BROWN



G3
R2
F4

600X1200 MM | PGVT CALIFORNIA BEIGE



G3
R2
F4

600X1200 MM | PGVT MIDTOWN LIGHT



G3
R2
F4

600X1200 MM | PGVT REGAN IVORY



G3
R2
F4

600X1200 MM | PGVT ONYXO MARBLE



G3
R2
F4

600X1200 MM | PGVT ATLANTIS BEIGE

All shown tiles are Glossy





PGVT MONACO BROWN



GL
GLOSS
G3
F4
R3

600X1200 MM | PGVT ONYX CROSSCUT SMOKY



GL
GLOSS
G3
F4
R3

600X1200 MM | PGVT ONYX BEIGE



MT
MATTE
G4
F4
R3

600X1200 MM | SATIN ONYX WHITE



GL
GLOSS
G3
F4
R3

600X1200 MM | PGVT MONACO BROWN



GL
GLOSS
G3
F4
R2

600X1200 MM | PGVT MONACO GREY



GL
GLOSS
G4
F4
R3

600X1200 MM | PGVT MONACO CHOKO



600X1200MM



PGVT BROWN STREAK BIANCO & ROCKER GRAFTON BROWN



G3
F4
R2

600X1200 MM | PGVT BROWN STREAK BIANCO



G3
F4
R4

600X1200 MM | PGVT BRECCIA BROWN



G3
F4
R3

600X1200 MM | PGVT EMPERADOR BEIGE



G4
F4
R3

600X1200 MM | PGVT EMPERADOR GREY LIGHT



G3
F4
R3

600X1200 MM | PGVT VENEZIA CLASSIC GREY



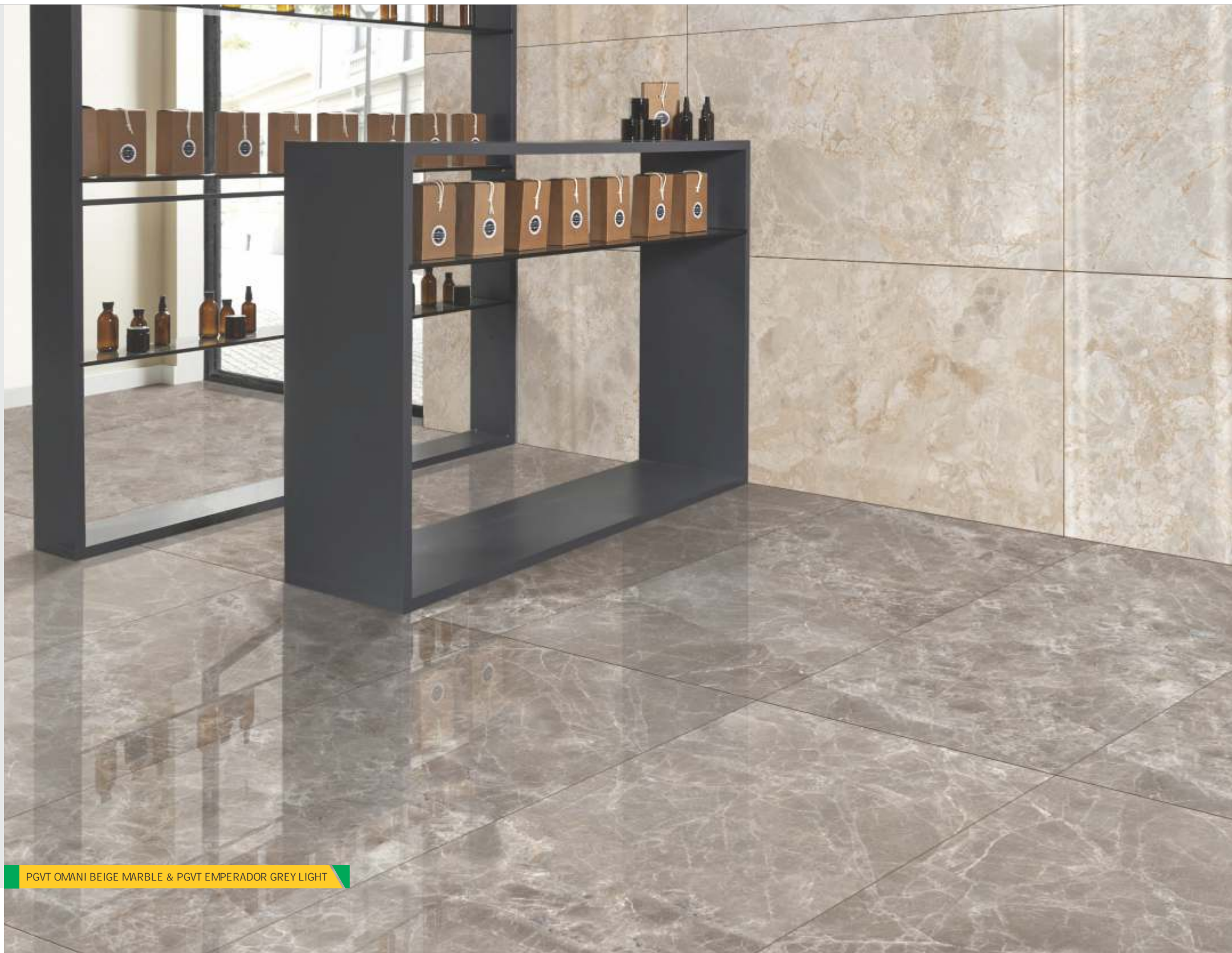
G4
F4
R3

600X1200 MM | PGVT VENEZIA CLASSIC BEIGE

All shown tiles are Glossy



600X1200MM



PGVT OMANI BEIGE MARBLE & PGVT EMPERADOR GREY LIGHT



G3
F4
R4

600X1200 MM | PGVT VENATO BEIGE



G3
F4
R4

600X1200 MM | PGVT OMANI BEIGE MARBLE



G3
F4
R3

600X1200 MM | PGVT LIMESTONE SILVER GREY



G3
F4
R3

600X1200 MM | PGVT SOAPSTONE SMOKY



G3
F4
R3

600X1200 MM | PGVT SOAPSTONE BROWN

All shown tiles are Glossy



600X1200MM



SATIN CALACATTA MARBLE & ROCKER GRAFTON BROWN



FU
G5
F4
R2

600X1200 MM | ROCKER ANTIQUE MARBLE



FU
G3
F4
R3

600X1200 MM | SATIN SOFTMARBO



FU
G3
F4
R2

600X1200 MM | SATIN CALACATTA MARBLE

All shown tiles are Matte





GL
GLOSS
G3
R2
F4

600X1200 MM | PGVT ONYX PEARL



GL
GLOSS
G3
R2
F4

600X1200 MM | PGVT ARCTIC BLUE GRANITE



MT
MATTE
G5
R3
F4

600X1200 MM | ROCKER CLASSIC MARFIL



MT
MATTE
G5
R3
F4

600X1200 MM | DGV CLASSIC MARFIL





PGVT AUTHENTIC GREY LIGHT & PGVT AUTHENTIC IVORY



600X1200 MM
G3
F4

600X1200 MM | PGVT AUTHENTIC GREY LIGHT



600X1200 MM
G3
F4

600X1200 MM | PGVT AUTHENTIC IVORY



600X1200 MM
G3
F3

600X1200 MM | PGVT STYLE STATUARIO

All shown tiles are Glossy





Double Charge Tiles



600X1200 MM | RIVER BROWN



600X1200 MM | RIVER WHITE



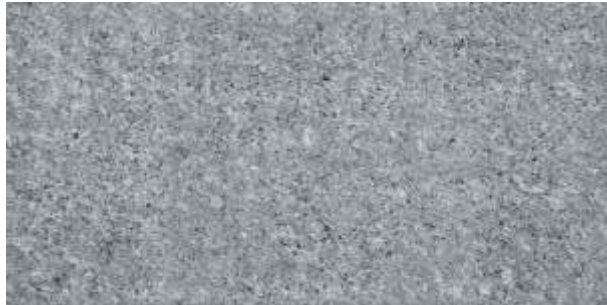
600X1200 MM

All shown tiles are Glossy





CANTO SILVER & CANTO ASH



600X1200 MM | CANTO ASH



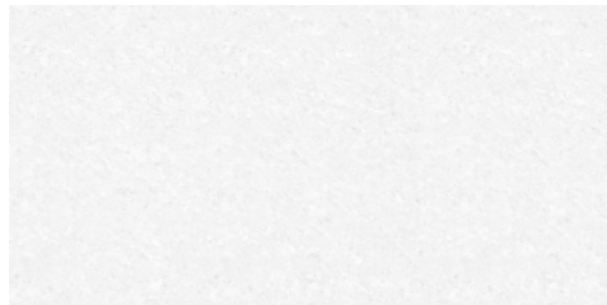
600X1200 MM | CANTO COPPER



600X1200 MM | CANTO MULTI



600X1200 MM | CANTO SILVER



600X1200 MM | CANTO WHITE



600X1200 MM | STAR GOLD

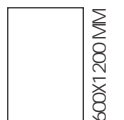


600X1200 MM | STAR ORANGE

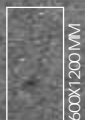


600X1200 MM | STAR SAND

All shown tiles are Glossy



Cement



West Zone Tiles

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CEMENT

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Code Description

DGV T-Digital Glazed Vitrified Tiles | PCM- Porcelain Matte

ODM- Orientbell Digital Matte | ODP- Orientbell Digital Porcelain | OEM-Orientbell Elevation Matte

R1-No Variation | R2-Slight Variation | R3-More Variation | R4- Most Variation

F1-1 Face | F2-2Face | F3-3 Face | F4-4Face | F5-5 Face | F6-6Face | F7-7 Face | F8-8Face

G1, G2, G3, G4, G5 (Grouping) are as per technical parameters





DGVT CEMENTUM CAMEL



DGVT CEMENTUMGRIS



600X1200 MM | DGVT CEMENTUM CAMEL

G5
F4
R3



600X1200 MM | DGVT CEMENTUM GRIS

G5
F4
R3

All shown tiles are Matte



Wood



MT
MATTE

GL
GLOSS

FU
FUSION

P
PUNCH

D
DIGITAL

ND
NON DIGITAL



West Zone Tiles

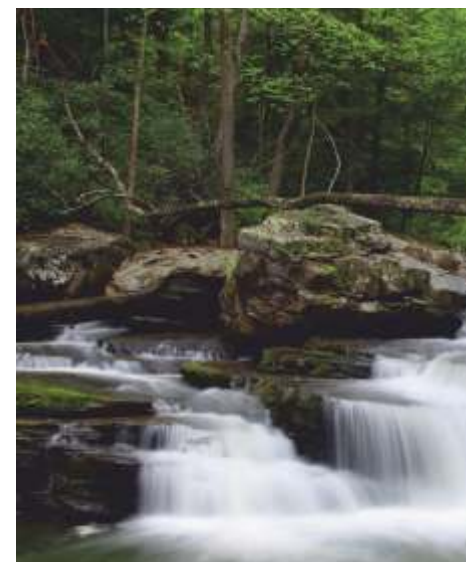
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WOOD

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600X1200MM DGV T ARTICO WOOD BROWN	36

Code Description

DGV T-Digital Glazed Vitrified Tiles | OT-Orient Tiles | PCM- Porcelain Matte
ODM- Orientbell Digital Matte | ODP- Orientbell Digital Porcelain | ODW-Orientbell Digital Wood
R1-No Variation | R2-Slight Variation | R3-More Variation | R4- Most Variation
F1-1 Face | F2-2Face | F3-3Face | F4-4Face | F5-5Face | F6-6Face | F7-7 Face | F8-8Face
G1, G2, G3, G4, G5 (Grouping) are as per technical parameters





TUSCANY WOOD BROWN



G5
R2
F4

600X1200 MM | TUSCANY WOOD BROWN



P
G5
R3
F4

600X1200 MM | Dgvt ECOWOOD MULTI




G5
F2

600X1200 MM | Dgvt ARTICO WOOD BROWN

All shown tiles are Matte



600X1200 MM

Stylized



West Zone Tiles

INDEX

STYLIZED

600X1200 MM | DGVT MOSAIC ART DÉCOR

39

Code Description

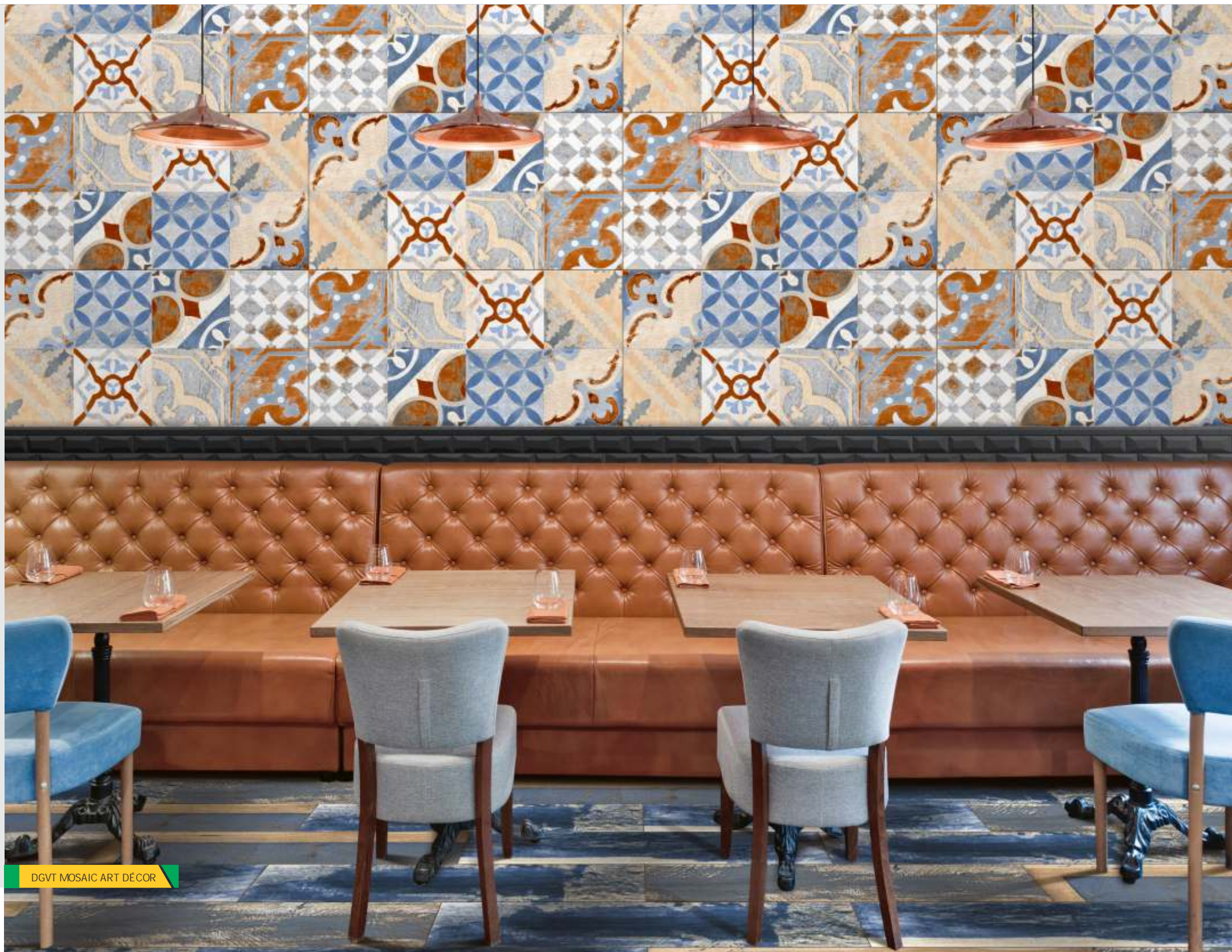
DGVT-Digital Glazed Vitrified Tiles | ODG-Orientbell Digital Glossy | ODP-Orientbell Digital Porcelain

R1-No Variation | R2-Slight Variation | R3-More Variation | R4- Most Variation

F1-1 Face | F2-2 Face | F3-3 Face | F4-4 Face | F5-5 Face | F6-6 Face | F7-7 Face | F8-8 Face

G1, G2, G3, G4, G5 (Grouping) are as per technical parameters





DGVT MOSAIC ART DÉCOR



600X1200MM | DGV T MOSAIC ART DÉCOR

All shown tiles are Matte



600X1200MM

TECHNICAL SPECIFICATIONS

Glazed Vitrified Tiles

Packing Details			
Size	No. of Tiles Per Carton	Covered Area Per Carton	
(In mm.)		(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 Ambient Temperature to 100°C	IS 13630 (Part 4):2006	Test Method Available	7×10 ⁻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

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 (West Zone)	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 Ambient 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 Alkalies (with exception of hydrofluoric acid and its compounds)		Test Method Available	Required, if agreed		Conforms

TECHNICAL SPECIFICATIONS

Technical Specifications of Double Charge | Nano Tech Polished Vitrified Tiles | Printed Double Charge





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

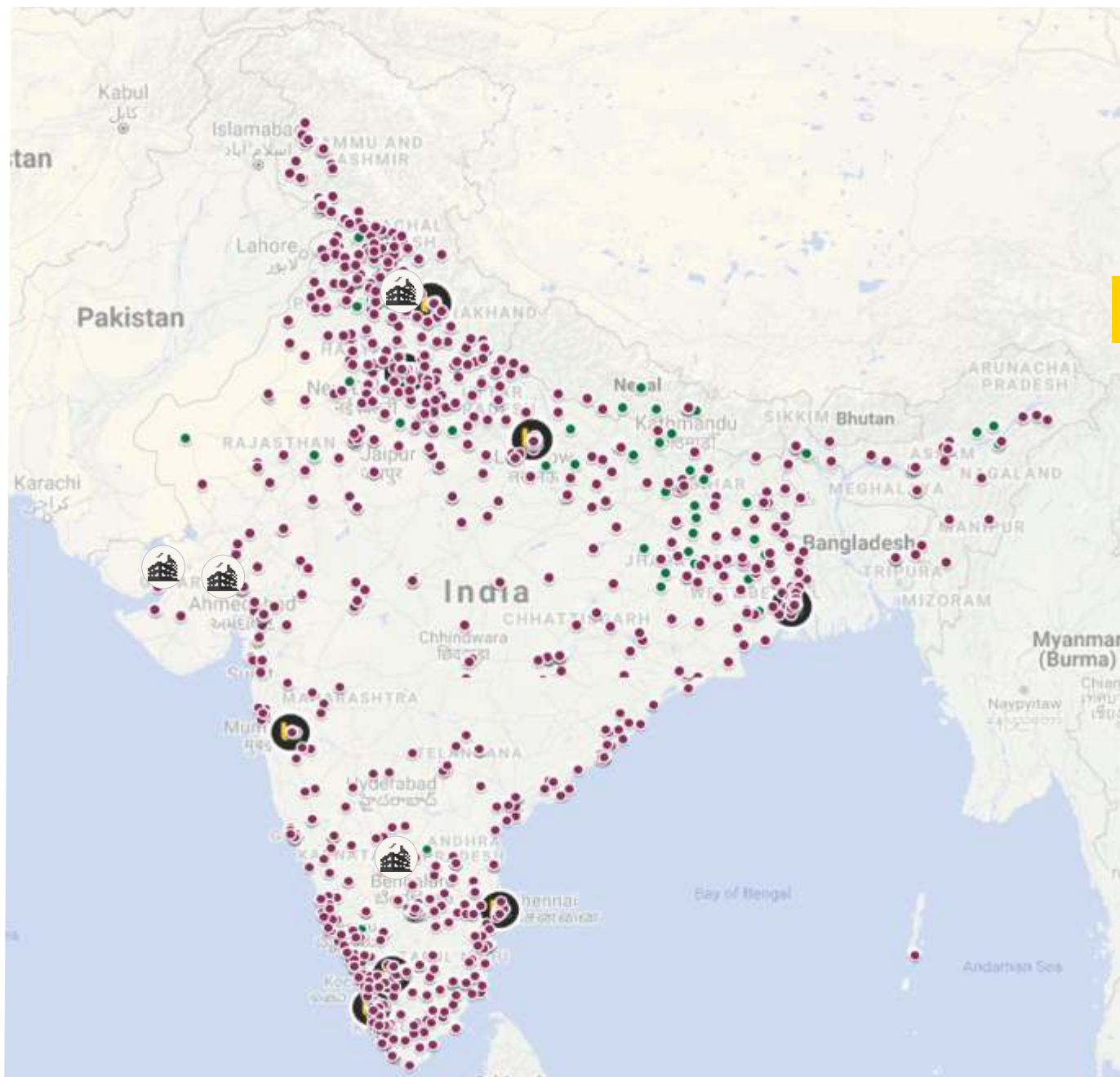
As per Indian Standard (IS 15622:2017) Group B Ia			
Characteristics	Standard Test Method	IS 15622 Requirements	OBL Norms
Dimension & Surface Quality	IS 13630 (Part 1):2006		
Deviation in Length & Width		±0.1%	± 0.1 %
Deviation in Thickness		±5.0%	± 3.0 %
Straightness of Sides		±0.1%	± 0.1 %
Squareness		±0.1%	± 0.1 %
Surface Flatness		±0.50%	± 0.2 % ☺☺
Surface Quality		Min. 95 % tiles should be free from visible defects	Conforms
Physical Properties			
Water Absorption %	IS 13630 (Part 2):2006	E ≤ 0.08	E ≤ 0.05 ☺
Modulus of Rupture in [N/mm ²]	IS 13630 (Part 6):2006	Avg≥35 N/mm ²	>35 N/mm ² ☺
Breaking Strength in N	IS 13630 (Part 6):2006	Min 1300	>1300 ☺
Scratching Resistance	IS 13630 (Part 13):2006	Min 5	≥ 5
Deep Abrasion	IS 13630 (Part 12):2006	140 Max	100 Max ☺
Chemical Properties			
Resistance to Staining	IS 13630 (Part 8):2006	Min, Class 2	Conforms
Resistance to Household Chemicals		Min, Class AA	Conforms
Thermal Specifications			
Thermal Shock Resistance	IS 13630 (Part 5):2006	Min 10 Cycles	Conforms
Thermal Expansion	IS 13630 (Part 4):2006	Max 6X10 ⁻⁶ at 100° c (K ⁻¹)	Conforms
Frost Resistance	IS 13630 (Part 10):2006	10 Cycles pass	Conforms
Impact Resistance	IS 13630 (Part 14):2006	0.55 minimum	Conforms
Bulk Density (gm/cc)	IS 13630 (Part 2):2006	Min 2.2	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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