



## **GVT & FT PLANKS**

**195x1200mm & 145x600mm**





## About OBL

Orient Bell Limited (OBL) is amongst the largest manufacturers of Wall and Floor Tiles. Established in 1977, OBL has been a pioneer in the Industry with a focus on customer-centric innovation.

First to manufacture ultra-vitrified tiles, new product designs & development is a continuous process at OBL. 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.

To display extensive range of tiles, we have a chain of signature showrooms. Privileged to be associated with premier architects and construction agencies of the country, it also counts most leading developers as well as government & public sector institutions as its customers.



## OBL Awards & Accolades

Realty+ recognizes the best of the best within the ranks of Indian Real Estate



**Website of the Year-Jan 2020**  
for [www.orientbell.com](http://www.orientbell.com)  
(India's construction & design industry)



**Brand of the Year-Jan 2021**  
(Flooring Idea-Tiles & Ceramic)



**Best Infrastructure Brands**  
(2021)



**Best Omnichannel Retail Model**  
Winners Future of Retail Summit & Awards 2020



**Customer Retail Journey Innovation**  
Winners Future of Retail Summit & Awards 2020



**CEO with HR Orientation**  
ZEE BUSINESS  
National Human Capital Leadership Congress & Awards

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And also on NSE (ORIENTBELL).





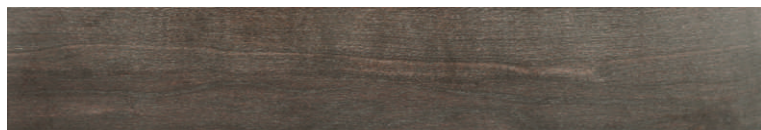
## GREY PLANKS

- 195x1200mm
- Matte Finish Wood Planks
- Glazed Vitrified Tiles
- Plant:SKD



G5  
R4  
F6

195x1200mm | DGVT LUMBER WHITE ASH WOOD



G5  
R4  
F6

195x1200mm | DGVT OAK WENGE WOOD



Preview Shown: DGVT LUMBER WHITE ASH WOOD





Preview Shown: DGV T OAK WENGE WOOD & DGV T VENEER TEAK WOOD



## BEIGE & BROWN PLANKS

- 195x1200mm
- Matte Finish Wood Planks
- Glazed Vitrified Tiles
- Plant:SKD



G5  
R4  
F6

195x1200mm | DGVT BIRCH WOOD CREAMA



G5  
R3  
F6

195x1200mm | PLANK CHESTNUT NATURAL



G5  
R3  
F6

195x1200mm | PLANK OAK SILVER



Preview Shown: DGVT BRICH WOOD CREAMA





195x1200mm | DGVt VENEZIA OAK WOOD

G5  
R4  
F6



195x1200mm | DGVt ARIZON WOOD JUMBO

G5  
R3  
F4



195x1200mm | DGVt HARDSTONE BROWN

G5  
R4  
F6



195x1200mm | DGVt PALDAO WOOD BEIGE

G5  
R4  
F6

# BEIGE & BROWN PLANKS

195x1200mm  
Matte Finish  
Glazed Vitrified Tiles  
Plant:SKD



Preview Shown: DGVt HARDSTONE BROWN



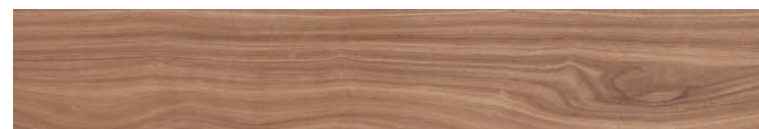
## BEIGE & BROWN PLANKS

— 195x1200mm

— Matte Finish Wood Planks

— Glazed Vitrified Tiles

— Plant:SKD



G5  
R4  
F6

195x1200mm | DGV T PACIFIC PINE WOOD BEIGE



G5  
R4  
F6

195x1200mm | DGV T VENEER TEAK WOOD



G5  
R4  
F6

195x1200mm | DGV T CHESTNUT OAK WOOD

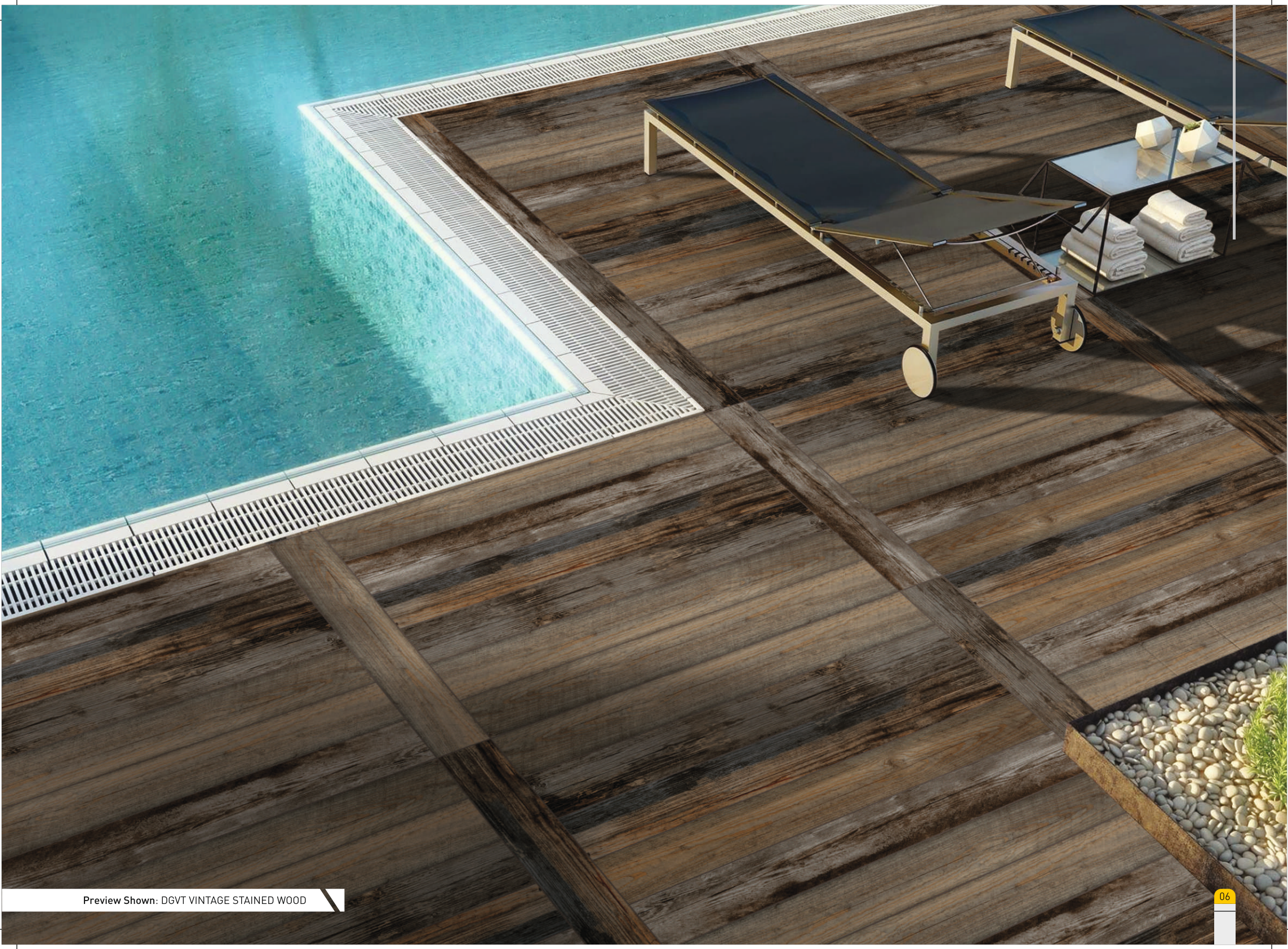


G5  
R4  
F6

195x1200mm | DGV T VINTAGE STAINED WOOD







Preview Shown: DGV T VINTAGE STAINED WOOD









G5  
R4  
F6

195x1200mm | DGV T PACIFIC PINE WOOD BROWN



G5  
R3  
F6

195x1200mm | PLANK OAK SMOKED



G5  
R2  
F6

195x1200mm | PLANK WENGE



G5  
R3  
F4

195x1200mm | DGV T CIBOLA WOOD JUMBO D



G5  
R2  
F2

195x1200mm | DGV T CIBOLA WOOD JUMBO H

# BEIGE & BROWN PLANKS

195x1200mm  
Matte Finish Wood  
Glazed Vitrified Tiles  
Plant:SKD



Preview Shown: DGV T CIBOLA WOOD JUMBO D & DGV T CIBOLA WOOD JUMBO H





Planks-145x600mm







G5  
R4  
F4

145x600mm |  
DGV TANGO WOOD



G5  
R4  
F4

145x600mm |  
MORFISH GRIS GREY



G5  
R2  
F2

145x600mm |  
DGV T MOONSTONE H



G5  
R4  
F4

145x600mm |  
DGV T MOONSTONE D

## GREY PLANKS

145x600mm

Matte Finish

Glazed Vitrified Tiles

Plant:SKD



Preview Shown: MORFISH GRIS GREY



## BEIGE & BROWN PLANKS

- 145x600mm
- Matte Finish Wood
- Glazed Vitrified Tiles
- Plant:SKD



G5  
R2  
F4

145x600mm |  
DGV T KIPLING WOOD



G5  
R3  
F4

145x600mm |  
DGV T POPLAR BEIGE



G5  
R3  
F4

145x600mm |  
DGV T ARIZON WOOD BROWN







# BEIGE & BROWN PLANKS

145x600mm

Matte Finish Wood

Glazed Vitrified Tiles

Plant:SKD



145x600mm |  
DGV T POPLAR BROWN

G5  
R3  
F4



145x600mm |  
DGV T POPLAR SANDUNE

G5  
R3  
F4



145x600mm |  
DGV T POPLAR WENGE

G5  
R3  
F4

Preview Shown: DGV T POPLAR SANDUNE & DGV T POPLAR BROWN









# BEIGE & BROWN PLANKS

145x600mm  
Matte Finish Wood  
Forever Tiles  
Plant:SKD



G5  
R2  
F4

145x600mm |  
FT PLANK BURMA TEAK LIGHT



G5  
R2  
F4

145x600mm |  
PLANK TEAK WENGE



G5  
R2  
F4

145x600mm |  
FT PLANK BURMA TEAK WENGE



## 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. )
195X1200 (SKD)	4	0.94	10.11
145X600 (SKD)	8	0.70	7.50

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 <sup>2</sup> ]	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 <sup>-6</sup> K <sup>-1</sup> , 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

**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.



# TECHNICAL SPECIFICATIONS

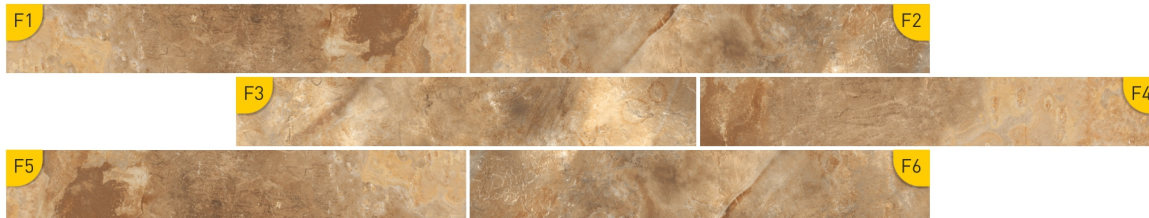
## Forever Tiles

Packing Details			
Size	No. of Tiles Per Carton	Covered Area Per Carton	
( In mm. )		( In Sq. Mtr. )	( In Sq. ft. )
145x600 (SKD)	8	0.70	7.50

Characteristics	Standard as Per IS 15622:2017 Group B Ib	OBL Norms	Testing Methods
Dimension & Surface Quality			
Deviation in Length & Width	± 0.1 %	±0.05%	IS 13630 Part 1
Deviation in Thickness	± 5.0 %	±3.0%	
Straightness of Sides	± 0.1 %	±0.1%	
Rectangularity	± 0.1 %	±0.1%	
Surface Flatness	± 0.5 %	± 0.2 %	
Surface Quality	Min 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of the tile	Conforms	
Physical Properties			
Water Absorption %	Avg 0.08 < E ≤ 3.0% , Individual 3.30% Max	Less than 3 %	IS 13630 Part 2
Modulus of Rupture in N/mm <sup>2</sup>	Avg 30, Individual 27 Min	Min 33 N	IS 13630 Part 6
Breaking Strength N	700 Min for thickness < 7.5mm, 1100 Min for thickness ≥ 7.5 mm	1200 N Min	
Moisture Expansion	0.02, Max	0.02 Max	IS 13630 Part 3
Scratch Hardness (Moh's Scale)	5, Min	7	IS 13630 Part 13
Resistance to Surface Abrasion of glazed tiles Class I to V (Applicable for floor applications only)	Class II, Min	Class V	IS 13630 Part 11
Linear thermal expansion Co-efficient	6x10 <sup>-6</sup> , Max	Conforms	IS 13630 Part 4
Thermal Shock Resistance	10 Cycles, Min	Passed	IS 13630 Part 5
Crazing Resistance	4 Cycles at 7.5 Bar, Min	Passed	IS 13630 Part 9
Impact Resistance	0.55, Min	0.6	IS 13630 Part 14
Frost Resistance	Required if agreed to between manufacturer and purchaser	Resistant	IS 13630 Part 10
Bulk density g/cc	2.0, Min	2.0, Min	IS 13630 Part 2
Chemical Properties			
Stain Resistance Glazed tiles	Class I, Min	Class -1	IS 13630 Part 8
Resistance to household chemicals	Class AA, Min	Class AA	
Resistance to acids and alkalis	Class AA, Min	Class AA	

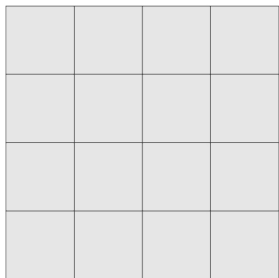


## Tile Design & Faces

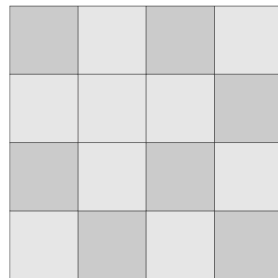


Each tile design is printed with some variations on different individual tiles. Variation may be in grain structure or how texture appears in the design. This gives a natural look to the surface where tiles are laid and avoids a small repetitive pattern. The number of variations in a design are called faces of a tile.

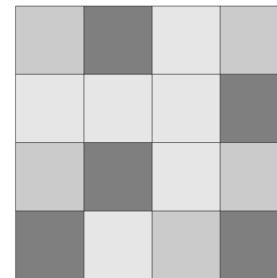
## Tile Randomness/Variation



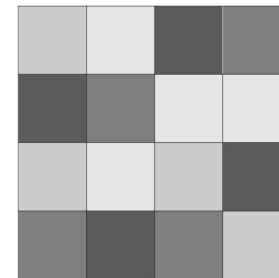
R1-No Variation



R2-Slight Variation



R3-More Variation



R-4 Most Variation

Randomness is a parameter to indicate the scale of difference in different faces of a tile design. Small variations in faces are indicated with R1 and high variation by R4





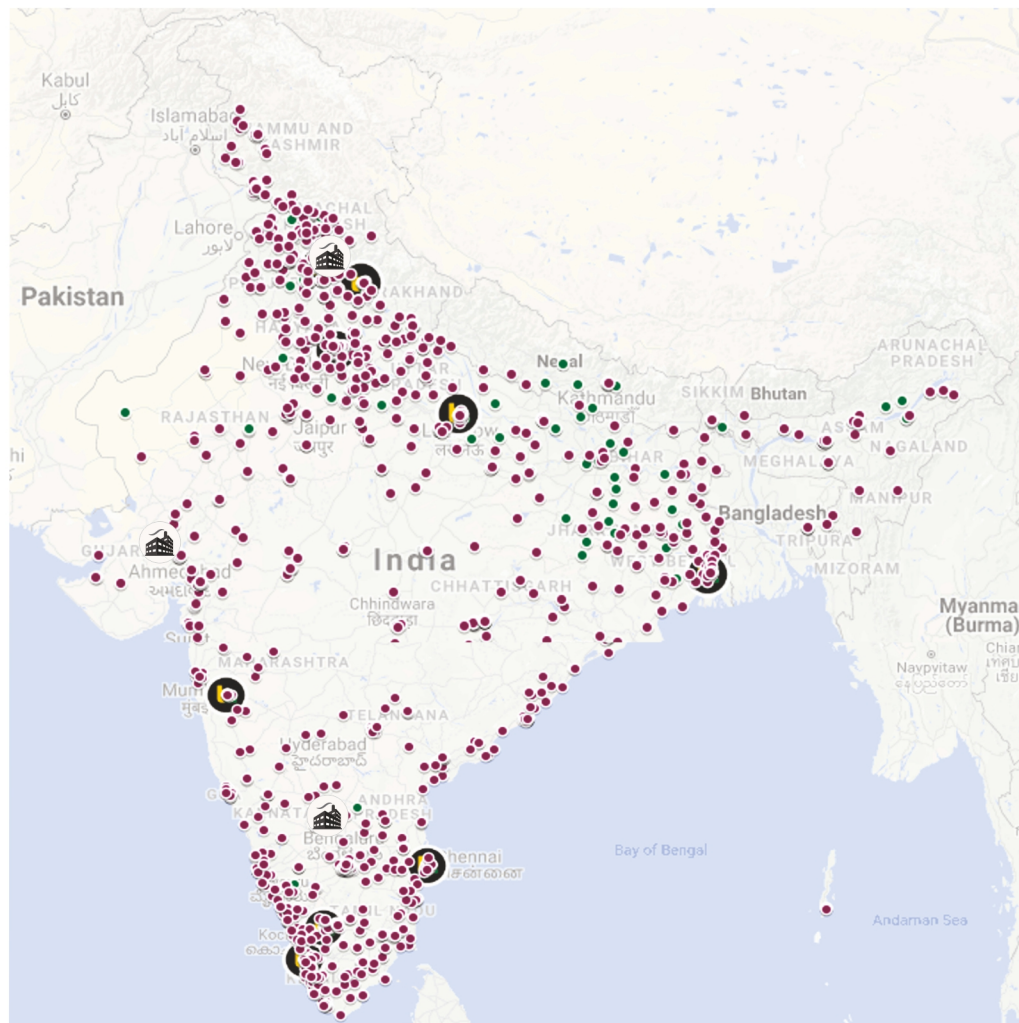
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Plants





## Making Tile Selection Easier



Find tiles similar to a reference image



Tiles selected by you in your room



Visualise selected tiles & get a quote



Share layout for a personalised render\*

[www.orientbell.com](http://www.orientbell.com)

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