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
(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
GI 

Glazed Vitrified Tiles

01-20

DGVT Rough Stone Crema 13
PGVT Armani Marble Brown 09
PGVT Classic Emperador Beige Marble 08
PGVT Emperador Stone Marble 02
PGVT Grey Stone Marble 01
PGVT Sofita Beige Marble 07
PGVT Sofitel Gold Vein Marble 06
PGVT Statuario Marble Gold 05
Super Gloss Agata Brown 12
Super Gloss Agata Granite Gold 11
Super Gloss Belgium Black Marble 04
Super Gloss Emperador Gold Marble 10
Super Gloss Thunder Blue Marble 03

Listed on BSE (530365) for 20+ years.
And also on NSE (ORIENTBELL).
PGVT Grey Stone Marble
PGVT Emperador Stone Marble

Preview Shown: PGVT Emperador Stone Marble & Granait SNP Nero
Super Gloss Thunder Blue Marble
Super Gloss Belgium Black Marble

Preview Shown: Super Gloss Belgium Black Marble
PGVT Statuario Marble Gold

Preview Shown: PGVT Statuario Marble Gold & DGVT Veneer Teak Wood
PGVT Sofitel Gold Vein Marble

Preview Shown: PGVT Sofitel Gold Vein Marble
PGVT Sofita Beige Marble

Preview Shown: PGVT Sofita Beige Marble
PGVT Classic Emperador Beige Marble

Preview Shown: PGVT Classic Emperador Beige Marble
PGVT Armani Marble Brown

Preview Shown: PGVT Armani Marble Brown & PGVT Sofitel Gold Vein Marble
Super Gloss Emperador Gold Marble

Preview Shown: Super Gloss Emperador Gold Marble & PGVT Omari Beige Marble
Super Gloss Agata Granite Gold

Preview Shown: Super Gloss Agata Granite Gold & PGVT Armani Marble Brown
Super Gloss Agata Brown

Preview Shown: Super Gloss Agata Brown
DGVT Rough Stone Crema

Preview Shown: DGVT Rough Stone Crema & DGVT Cemento Gris
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.
## TECHNICAL SPECIFICATIONS

**Glazed Vitrified Tiles**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Test Methods</th>
<th>Requirement as per ISO 13006 ≤ 0.5 Group B Ia</th>
<th>Requirement as per IS 15622:2017 OBL Norms</th>
<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension &amp; Surface Quality</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.6%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Deviation In Length &amp; Width</td>
<td>IS 13630 (Part 2):2006</td>
<td>±0.4%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Deviation In Thickness</td>
<td>IS 13630 (Part 6):2006</td>
<td>±0.6%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td>IS 13630 (Part 6):2006</td>
<td>±0.6%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>IS 13630 (Part 6):2006</td>
<td>±0.6%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>IS 13630 (Part 8):2006</td>
<td>±0.5%</td>
<td>±0.1%</td>
<td>±0.1%</td>
</tr>
<tr>
<td>Surface Quality</td>
<td>IS 13630 (Part 13):2006</td>
<td>5, Min</td>
<td>5 to 8 Depending on Design/Surface</td>
<td></td>
</tr>
<tr>
<td>Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C</td>
<td>IS 13630 (Part 4):2006</td>
<td>7x10^{-4} %, Min</td>
<td>Conforms</td>
<td></td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>IS 13630 (Part 5):2006</td>
<td>10 cycles, Min</td>
<td>Passed</td>
<td></td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>IS 13630 (Part 10):2006</td>
<td>Required</td>
<td>Required</td>
<td>Resistance</td>
</tr>
<tr>
<td>Bulk Density, in (g/cc)</td>
<td>IS 13630 (Part 12):2006</td>
<td>2.0, Min</td>
<td>&gt; 2.1</td>
<td></td>
</tr>
<tr>
<td>Impact Resistance-Coefficient of Restitution</td>
<td>IS 13630 (Part 14):2006</td>
<td>Manufacturer to State</td>
<td>0.55, Min</td>
<td>0.7-0.85</td>
</tr>
</tbody>
</table>

**Physical Properties**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Test Methods</th>
<th>Requirement as per ISO 13006 ≤ 0.5 Group B Ia</th>
<th>Requirement as per IS 15622:2017 OBL Norms</th>
<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption</td>
<td>IS 13630 (Part 3):2006</td>
<td>0.02, Max</td>
<td>&lt; 4%</td>
<td></td>
</tr>
<tr>
<td>Modulus of Rupture in (N/mm²)</td>
<td>IS 13630 (Part 6):2006</td>
<td>Minimum 35, Individual 32, Min</td>
<td>Minimum 35, Individual 32, Min</td>
<td></td>
</tr>
<tr>
<td>Moisture Expansion in mm/m</td>
<td>IS 13630 (Part 13):2006</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Scratch Hardness of Surface (Moh’s Scale)</td>
<td>IS 13630 (Part 13):2006</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Resistance to Surface Abrasion of Glazed Tiles (Class I to V)</td>
<td>IS 13630 (Part 11):2006</td>
<td>Test Method Available</td>
<td>Class II to Class-V Depending on Design/Surface</td>
<td></td>
</tr>
<tr>
<td>Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C</td>
<td>IS 13630 (Part 4):2006</td>
<td>Test Method Available</td>
<td>7x10^{-4} %, Max</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>IS 13630 (Part 5):2006</td>
<td>Test Method Available</td>
<td>10 cycles, Min</td>
<td>Passed</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>IS 13630 (Part 10):2006</td>
<td>Required</td>
<td>Required</td>
<td>Resistance</td>
</tr>
<tr>
<td>Bulk Density, in (g/cc)</td>
<td>IS 13630 (Part 12):2006</td>
<td>NA</td>
<td>2.0, Min</td>
<td>&gt; 2.1</td>
</tr>
<tr>
<td>Impact Resistance-Coefficient of Restitution</td>
<td>IS 13630 (Part 14):2006</td>
<td>Manufacturer to State</td>
<td>0.55, Min</td>
<td>0.7-0.85</td>
</tr>
</tbody>
</table>

**Chemical Properties**

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<tr>
<th>Characteristics</th>
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<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to Staining of Glazed Tiles</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 3</td>
<td>Min, Class 3</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Household Chemicals</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, GA</td>
<td>Class AA, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Acids and Alkalies (with exception of hydrofluoric acid and its compounds)</td>
<td>IS 13630 (Part 8):2006</td>
<td>Test Method Available</td>
<td>Required, if agreed</td>
<td>Conforms</td>
</tr>
</tbody>
</table>

**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.
Group B Ia as per IS0 13006:2012 and Group B Ib as per IS 15622:2017

Characteristics

- Dimension & Surface Quality
- Physical Properties
  - Deviation in Thickness
  - Straightness of Sides
  - Rectangularity
  - Surface Flatness

- DEVCE in Length & Width
- Crazing Resistance
- Frost Resistance
- Resistance to Acids and Alkalis (with exception of hydrofluoric acid and its compounds)
- Resistance to Household Chemicals

- Water Absorption
- Modulus of Rupture in [N/mm²]
- Breaking Strength in N

Chemical Properties

- Moisture Expansion in mm/m
- Resistance to Surface Abrasion of Glazed Tiles (Class I to V)
- Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C
- Thermal Shock Resistance

- Resistance to Staining of Glazed Tiles
- Scratch Hardness of Surface (Moh's Scale)
- Impact Resistance-
  - Co-efficient of Restitution

- Bulk Density, in (g/cc)

Requirement as per ISO

- 13006 ≤ 0.5 Group B Ia
- Avg ≤ 0.5, Individual max, 0.6

Test Methods

- IS 13630 (Part 10):2006
- IS 13630 (Part 12):2006
- IS 13630 (Part 1):2006
- IS 13630 (Part 2):2006
- IS 13630 (Part 6):2006
- IS 13630 (Part 14):2006
- IS 13630 (Part 3):2006
- IS 13630 (Part 11):2006
- IS 13630 (Part 4):2006
- IS 13630 (Part 5):2006
- IS 13630 (Part 9):2006
- IS 13630 (Part 13):2006
- IS 13630 (Part 8):2006

Size (In mm.)

- 600X600 (SKD)

No. of Tiles Per Carton

- 4

Covered Area Per Carton (In Sq. Mtr.)

- 1.44

Covered Area Per Carton (In Sq. ft.)

- 15.5

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Making Tile Selection Easier

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**QuickLook**
Visualise selected tiles & get a quote

**TruLook**
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