Grand Sizes to enable your grand ideas

800x1600 mm
1200x1200 mm
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, CoolTiles & Life Tiles.

To display an 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.

- The ISO 9001:2015 accreditation for our quality control management systems reflects the quest for manufacturing international standard products.
- In 2015 our Sikandarabad plant was awarded with prestigious IS1 certification for its products.
- In May 2000, OBL was awarded ISO 14001:2000 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 have been awarded OHSAS 18001 Certification for Health & Safety Standards. No waste water is ever discharged from our factory.
- We were also awarded with “Certificate Of Merit” in “National Energy Conservation Award” 2016 organised by Ministry of Power for saving Power and Fuel consumption.
# INDEX

800x1600 mm I 1200x1200 mm

<table>
<thead>
<tr>
<th>Code Description</th>
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<tbody>
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<td>PGVT- Polished Glazed Vitrified Tiles</td>
<td>01</td>
<td>PGVT BOTTOCHINO NEO</td>
</tr>
<tr>
<td>R1-No Variation</td>
<td>01</td>
<td>PGVT CLASSIC ONYX</td>
</tr>
<tr>
<td>R2-Slight Variation</td>
<td>02</td>
<td>PGVT MARCA CORONA BEIGE</td>
</tr>
<tr>
<td>R3-More Variation</td>
<td>02</td>
<td>PGVT PULPIS MRFIL</td>
</tr>
<tr>
<td>R4- Most Variation</td>
<td>01</td>
<td>PGVT STATUARIO SUPER</td>
</tr>
<tr>
<td></td>
<td>03</td>
<td>PGVT DYNAC FANTASTICO</td>
</tr>
<tr>
<td></td>
<td>04</td>
<td>PGVT EMPERADOR PREMIUM</td>
</tr>
<tr>
<td></td>
<td>03</td>
<td>PGVT STATUARIO GLACIER</td>
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<td>PGVT REAL ONYX</td>
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<td>01</td>
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</tr>
<tr>
<td>G1, G2, G3, G4, G5 (Grouping) are as per technical parameters</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application Areas**

- Bedroom
- Living Room
- Dining Room
- Bathroom
- Toilet
- Kitchen
- Restaurant
- Hotel
- Hospital
- Bar
- Office
MARBLE-BIG SIZE

- 800x1600mm
- Gloss Finish
- Glazed Vitrified Tiles
- Plant: West Zone

800x1600mm | PGVT STATUARIO SUPER

800x1600mm | PGVT CLASSIC ONYX

800x1600mm | PGVT BOTTOCHINO NEO
MARBLE-BIG SIZE

800x1600mm
Gloss Finish
Glazed Vitrified Tiles
Plant: West Zone

Preview Shown: PGVT PULPIS MARFIL

800x1600mm | PGVT PULPIS MARFIL

800x1600mm | PGVT MARCA CORONA BEIGE
MARBLE-BIG SIZE

- 1200x1200mm
- Gloss Finish
- Glazed Vitrified Tiles
- Plant: West Zone

MARBLE-BIG SIZE

1200x1200mm | PGVT STATUARIO GLACIER

1200x1200mm | PGVT REAL ONYX
1200x1200mm | PGVT DYNA FANTASTICO

1200x1200mm | PGVT STATUARIO GLACIER

1200x1200mm | PGVT REAL ONYX

MARBLE-BIG SIZE
1200x1200mm
Gloss Finish
Glazed Vitrified Tiles
Plant: West Zone
MARBLE-BIG SIZE

- 1200x1200mm
- Gloss Finish
- Glazed Vitrified Tiles
- Plant: West Zone
### TECHNICAL SPECIFICATIONS

**Glazed Vitrified Tiles**

#### Packing Details

<table>
<thead>
<tr>
<th>Size (In mm,)</th>
<th>No. of Tiles Per Carton</th>
<th>Covered Area Per Carton (In Sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800X1600 [West Zone]</td>
<td>2</td>
<td>2.56</td>
</tr>
<tr>
<td>1200X1200 [West Zone]</td>
<td>2</td>
<td>3.1</td>
</tr>
</tbody>
</table>

#### Group B 1a as per ISO 13006:2012 and Group B 1b as per IS 15622:2017

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Test Methods</th>
<th>Requirement as per ISO 13006 ≤ 0.5 Group B 1a</th>
<th>Requirement as per IS 15622:2017 0.08≤E ≤ 3 Group B 1b</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% Unsatisfied</td>
<td>±0.1% Satisfied</td>
<td></td>
</tr>
<tr>
<td>Deviation in Length &amp; Width</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.6%</td>
<td>±0.1%</td>
<td></td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.5%</td>
<td>±0.3%</td>
<td></td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.5%</td>
<td>±0.3%</td>
<td></td>
</tr>
<tr>
<td>Rectangularity</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.5%</td>
<td>±0.3%</td>
<td></td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>IS 13630 (Part 1):2006</td>
<td>±0.5%</td>
<td>±0.3%</td>
<td></td>
</tr>
<tr>
<td>Surface Quality</td>
<td>IS 13630 (Part 1):2006</td>
<td>Min. 95 % tiles should be free from visible defects</td>
<td>Min. 95 % tiles should be free from visible defects</td>
<td>Conforms</td>
</tr>
<tr>
<td>Physical Properties</td>
<td>IS 13630 (Part 3):2006</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Absorption</td>
<td>IS 13630 (Part 3):2006</td>
<td>Avg ≤ 0.5, Individual max 0.6</td>
<td>Avg ≤ 0.5, Individual max 0.6</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>Breaking Strength in N</td>
<td>IS 13630 (Part 6):2006</td>
<td>&lt; 7.5 mm Thickness 700, Min</td>
<td>&lt; 7.5 mm Thickness 700, Min</td>
<td></td>
</tr>
<tr>
<td>Moisture Expansion in mm/m</td>
<td>IS 13630 (Part 3):2006</td>
<td>Declare Value</td>
<td>0.2, Max</td>
<td></td>
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<tr>
<td>Scratch Hardness of Surface (Moh’s Scale)</td>
<td>IS 13630 (Part 13):2006</td>
<td>NA</td>
<td>≤ 0.02</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 B, Min</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>7 × 10⁻⁶ K⁻¹, Max</td>
<td></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></td>
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<tr>
<td>Crushing Resistance</td>
<td>IS 13630 (Part 9):2006</td>
<td>Test Method Available</td>
<td>4 Cycles @ 7.5 bar, Min</td>
<td></td>
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<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>
<tr>
<td>Chemical Properties</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 3</td>
<td>Class 3, Min</td>
<td></td>
</tr>
<tr>
<td>Resistance to household chemicals</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 3</td>
<td>Class 3, Min</td>
<td></td>
</tr>
<tr>
<td>Resistance to acids and Alkalis (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.
A Network of 2500+ Channel Partners

**ORIENT BELL TILE BOUTIQUE**

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“SURYA GAYATRI”, Building No. 32/8, B3, Puthiyam Road, New Junction, (Opposite Holiday inn Hotel) Ernakulam By Pass Road, Cochin-682 031,
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Tel.: +91 11 4068 7488/89

**PUNE**
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Tel.: +91 73910 72247

**VADODRA DISPLAY CENTRE**
78-79, 2nd Floor, Surya Kiran Complex, Beside Banker Heart Institute, Old Padra Road, Vadodara-390 007, Gujarat
Tel.: +91 98254 14113
OBL Awards & Accolades

- **Website of the Year-Jan 2020**
  for www.orientation.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