orientbell tiles

VALENCICA
HD-400

Strong. Stylish. Reasonable.
OBL Awards & Accolades

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

Website of the Year for www.orientbell.com (India’s construction & design industry)

Integrated Brand Campaign of the Year for “Chote Bathroom ke Bade Upay” (India’s construction & design industry)

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
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.

- 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 ISI certification for its products.

- In May 2000, OBL was awarded 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 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.

Listed on BSE (530365) for 20+ years. And also on NSE (ORIENTBELL).
VALENCICA HD-400
Strong. Stylish. Reasonable.

LOW WATER ABSORPTION
Less than 2%

HIGH BREAKING STRENGTH
More than: 1300 N

HIGH MOR
More than: 30 N/mm²

Superior Specs

Stunning Designs

Budget Friendly

Printed using latest machines with 400 dpi resolution—highest in the industry
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**Listed on BSE [530365] for 20+ years. And also on NSE (ORIENTBELLA).**

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<tr>
<th>KEY SPECS</th>
<th>Kajaria GLAM</th>
<th>Somany MARVELA</th>
<th>orientbell Tiles VALENCIA</th>
<th>Polished Vitrified Tiles</th>
<th>Glazed Vitrified Tiles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-6%</td>
<td>3-4%</td>
<td>&lt;2%</td>
<td>&lt;0.08%</td>
<td>&lt;0.5%</td>
</tr>
<tr>
<td></td>
<td>Min:20 N/mm²</td>
<td>Min:28 N/mm²</td>
<td>Min:30 N/mm²</td>
<td>Min:35 N/mm²</td>
<td>Min:35 N/mm²</td>
</tr>
</tbody>
</table>

**Source of Information:**
- Kajaria: Kajaria Floor Catalogue:Catalogo Generale Ceramic Floor Tiles April/2019
- Somany: Somany Marvela Catalogue-Natural Marvels November/2018

*1 Registered Trademark of Kajaria Ceramic Ltd. *2 Registered Trademark of Somany Ceramic Ltd.
600X600 MM | PCG BOTTOCHINO LIGHT

600x600 mm
PCG Bottochino Light

600x600 mm
PCG Orange Multi

Shown tile is Glossy
600x600 MM MARBLE
Porcelain Tiles

600x600 mm
PCG Alcante Brown Marble

600x600 mm
PCG Calcutta Gold Marble

600X600 MM | PCG CALCUITA GOLD MARBLE
600x600 MM | PCG CRYSTAL ONYX
600x600 mm | PCG ERAMOSA MARBLE
600X600 MM | PCG ONYX PEARL

600X600 mm
PCG Onyx Pearl
600x600 MM | PCG SUPER WHITE STATUARIO

Shown tile is glossy
600x600 MM | PCG SWAN MARBLE

600x600 mm
PCG Swan Marble

600x600 mm
PCG Super White Statuario

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600x600 MM | STYLIZED Porcelain Tiles

- **600x600 mm** | PCG 3D Venn Blue Wave

Shown tile is Glossy

600x600 MM | PCG 3D VENN BLUE WAVE
600x600 MM WOOD
Porcelain Tiles

600x600 MM | PCM NATURAL PINE WOOD

Shown tile is Matte

600x600 mm
PCM Natural Pine Wood
600x600 MM | PCM VINTAGE OAK WOOD
600x600 MM | CEMENT

Porcelain Tiles

600x600 mm
PCM Line Square Beige

Shown tile is Matte

600X600 MM | PCM LINE SQUARE BEIGE
600x600 MM CEMENT/SLATE
Porcelain Tiles

600x600 MM | PCM GLACIER WHITE

600x600 mm
PCM Glacier White

600x600 MM | PCM GLACIER WHITE
## TECHNICAL SPECIFICATIONS

### Valencica Tiles

#### Packing Details

<table>
<thead>
<tr>
<th>Size</th>
<th>No. of Tiles Per Carton</th>
<th>Covered Area Per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>(In mm.)</td>
<td></td>
<td>(In Sq. Mt.)</td>
</tr>
<tr>
<td>600X600</td>
<td>4</td>
<td>1.44</td>
</tr>
</tbody>
</table>

#### Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standard as per IS 15622:2017 Group B &amp; B</th>
<th>OBL Actual Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension &amp; Surface Quality:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deviation in Size (Length &amp; Width)</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>± 5.0 %</td>
<td>± 3.0 %</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>± 5.0 %</td>
<td>± 0.2 %</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Surface Quality</td>
<td>Min. 95 % of the tiles shall be free from visible defects that would impair the appearance of major area of the tile</td>
<td>Conforms</td>
<td>IS 13630 (Part 1)</td>
</tr>
<tr>
<td>Physical Properties:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Absorption %</td>
<td>Avg. 0.08% ≤ 3.0 %, Individual 3.3% Max</td>
<td>2% Max</td>
<td>IS 13630 (Part 2)</td>
</tr>
<tr>
<td>Modulus of Rupture (N/mm²)</td>
<td>Avg 30, Individual 27 Min</td>
<td>AV&gt;31, Min 30 N/mm²</td>
<td>IS 13630 (Part 6)</td>
</tr>
<tr>
<td>Breaking Strength N</td>
<td>700 N/min for thickness &lt; 7.5 mm, 1100 N/min for thickness ≥ 7.5 mm</td>
<td>&gt;1200</td>
<td>IS 13630 (Part 6)</td>
</tr>
<tr>
<td>Moisture Expansion</td>
<td>0.02 % Max</td>
<td>0.02 Max</td>
<td>IS 13630 (Part 3)</td>
</tr>
<tr>
<td>Scratch Hardness (Moh's Scale)</td>
<td>5 Min</td>
<td>5-8 depends upon Design/Surface</td>
<td>IS 13630 (Part 13)</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion of Glazed Tiles Class I to V</td>
<td>Class II, Min</td>
<td>Class III to V</td>
<td>IS 13630 (Part 11)</td>
</tr>
<tr>
<td>(Applicable for floor applications only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linear thermal expansion Co-efficient</td>
<td>7 x 10⁶, Max</td>
<td>Conforms</td>
<td>IS 13630 (Part 4)</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>10 cycles Min</td>
<td>Passed</td>
<td>IS 13630 (Part 5)</td>
</tr>
<tr>
<td>Crushing Resistance</td>
<td>4 Cycles at 7.5 bar, Min</td>
<td>Passed</td>
<td>IS 13630 (Part 9)</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>0.55, Min</td>
<td>&gt; 0.55</td>
<td>IS 13630 (Part 14)</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>Required if agreed to between manufacturer and purchaser</td>
<td>Conforms</td>
<td>IS 13630 (Part 10)</td>
</tr>
<tr>
<td>Bulk Density g/cc</td>
<td>2.0, Min</td>
<td>&gt; 2.1</td>
<td>IS 13630 (Part 2)</td>
</tr>
<tr>
<td>Chemical Properties:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resistance to staining of Glazed Tiles</td>
<td>Class I, Min</td>
<td>Conforms</td>
<td>IS 13630 (Part 8)</td>
</tr>
<tr>
<td>Resistance to Household Chemicals except HF and its compounds</td>
<td>Class AA, Min</td>
<td>Conforms</td>
<td>IS 13630 (Part 8)</td>
</tr>
<tr>
<td>Resistance to acids and alkalis except HF and its compounds</td>
<td>Required, if agreed</td>
<td>Conforms</td>
<td>IS 13630 (Part 8)</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.

### Application Areas

- **BEDROOM</br>**
- **LIVING ROOM</br>**
- **DINING ROOM</br>**
- **BATHROOM</br>**
- **OFFICE</br>**
- **OUTDOOR</br>**
- **TOILET</br>**
- **KITCHEN**
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Station, Lucknow-226 006,
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Tel.: +91 73910 72247

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