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 [ORIENTBELL].
600x600 MM

MARBLE

Porcelain Tiles

PCG
AGATA GRANITE MARBLE
PCG
ICE BLUE MARBLE
600x600 MM

MARBLE
Porcelain Tiles

NEW

PCG
SWAN MARBLE BLUE

Preview Shown: PCG SWAN MARBLE BLUE & PCG ARABESCATO STATUARIO BM

Shown tile is glossy
PCG
ONYX BROWN BM

Preview Shown: PCG ONYX BROWN BM
PCG MESH CARRARA VENATO

Preview Shown: PCG MESH CARRARA VENATO & PCG CARRARA VENATO MARBLE
PCG
3D FLOWER STATUARIO SUPER WHITE
600x600 MM WOOD

Porcelain Tiles

PCG
OAK VENEER WOOD

Preview Shown: PCG OAK VENEER WOOD, PCG SQUARE MULTI WOOD & PCG CLASSICAL WOODEN
PCG
CALCUTTA GOLD MARBLE

PCG
GIALLO SIENA LIGHT
600x600 MM

**MARBLE**

Porcelain Tiles

PCG
CARRARA VENATO MARBLE

PCG
CRYSTAL ONYX

![Image of marble tile samples]

*Shown tiles are glossy*
PCG
ONYX RIVER

PCG
SUPER STATUARIO WHITE
PCG
SWAN MARBLE

PCG
ONYX PEARL
600x600 MM  MARBLE-BOOKMATCH

Porcelain Tiles

PCG
ONYX BLUE BM
PCG
ARABESCATO STATUARIO BM

PCG
RADIANT ONYX BM
600x600 MM STYLIZED
Porcelain Tiles

PCG CLASSICAL WOODEN

Preview Shown: PCG CLASSICAL WOODEN

Shown tile is glossy
PCG
3D SILVER LEAF

PCG
3D VENN BLUE WAVE
PCG
3D WHITE DIAMONDS

Preview Shown: PCG 3D WHITE DIAMONDS & PCM GLACIER GREY
PCM
NATURAL PINE WOOD

PCM
VINTAGE OAK WOOD
PCM
LINE SQUARE BEIGE

PCM
LINE SQUARE BROWN

Shown tiles are Matte

600x600 mm
# TECHNICAL SPECIFICATIONS

## Valencica 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. Mtr.)</th>
<th>Covered Area Per Carton (in Sq. Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600x600</td>
<td>4</td>
<td>1.44</td>
<td>15.5</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>
</tbody>
</table>

### Physical Properties:

<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>Water Absorption %</td>
<td>Avg 0.08°&lt;E ≤ 3.0 %, Individual 3.30 % 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></td>
<td>IS 13630 (Part 6)</td>
</tr>
<tr>
<td>Breaking Strength N</td>
<td>700 min for thickness&lt; 7.5 mm, 1100 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>S-8 depends upon Design/Surface</td>
<td>IS 13630 (Part 13)</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion of Gloze 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>Linear thermal expansion Co-efficient</td>
<td>7 x 10⁻⁶, 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 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>
</tbody>
</table>

### Chemical Properties:

<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>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**
- **Living Room**
- **Dining Room**
- **Bathroom**
- **Office**
- **Outdoor**
- **Toilet**
- **Kitchen**
ORIENT BELL TILE BOUTIQUE

CHANDIGARH
SCO – 6, First Floor, Sector 7-C, Madhya Marg, Chandigarh-160 019,
Tel.: +91 172 4624 342

CHENNAI
New No: 85, Old No: 30, Maharaja Tower, 2nd Floor, 1st Avenue,
Ashok Nagar, (Above Kotak Mahindra Bank), Chennai-600 083,
Tel.: +91 44 4213 8687

COCHIN
“SURYA GAYATRI”, Building No. 32A, B3, Puthiya Road, New Junction,
(Opposite Holiday Inn Hotel) Ernakulam By Pass Road, Cochin-682 031
Tel.: +91 97457 68058

COIMBATORE
11, 1st Floor, Venkata Samy Road (East), R.S. Puram,
Coimbatore-641 002.
Tel.: +91 89799 41966

DEHRADUN
Duggal Complex (Near Kamla Palace Hotel), GMS Road,
Dehradun-248 001,
Tel.: +91 97197 01064

KOLKATA
8/1, Burdwan Road, Alipore, Kolkata-700 027,
Tel.: +91 33 4068 40467

LUCKNOW
Raj Rani Apartment, Ground Floor, Near Beej Nigam, Badhshah Nagar Railway
Station, Lucknow-226 006,
Tel.: +91 99847 86404

NEW DELHI
M-47, G.K-II, M Block, New Delhi-110 048,
Tel.: +91 11 4068 7468/69

PUNE
Shop No. 3 and 4, A Tower Vega Centre, C.T.S No. 710, Final Plot No. 401/1,
Shankarasheth Road, Gultekdi, Swargate, Pune-411 037
Tel.: +91 73910 72247

VADODRA DISPLAY CENTRE
78-79, 2nd Floor, Surya Kiran Complex, Beside Banker Heart Institute,
Old Padra Road, Vadodara-390007, Gujarat
Tel.: +91 98754 14113
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QuickLook
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TruLook
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