NANO, POLISHED VITRIFIED & DOUBLE CHARGE TILES

800x1200 mm | 600x1200 mm | 1000x1000 mm | 800x800 mm | 600x600 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, Cool Tiles & 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 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.

Realty+ recognizes the best of the best within the ranks of Indian Real Estate
MARBLE-BIG SIZE

- 800x1200mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone

800x1200mm | CRESENT BIANCO

800x1200mm | MERLIN BIANCO
MARBLE-BIG SIZE

- 1000x1000mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone

1000x1000mm | TROPICANA NATURAL

Preview Shown: TROPICANA NATURAL
MARBLE-BIG SIZE

1000x1000mm
Gloss Finish
Double Charge Tiles
Plant: West Zone
MARBLE

- 600x1200mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone

Preview Shown: RIVER BROWN & RIVER WHITE

600x1200mm | RIVER WHITE

600x1200mm | RIVER BROWN

600x1200mm | RIVER BLACK
MARBLE

- 600x600mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone
MARBLE

- 600x600mm
- Gloss Finish
- Nano Tech Tiles
- Plant: West Zone

600x600mm | NANO IVORY
600x600mm | NANO RIVO
600x600mm | 10211
600x600mm | 10242
600x600mm | 10240
600x600mm | NANO 003
MARBLE

- 600x600mm
- Gloss Finish
- Polished Vitrified Tiles
- Plant: West Zone

600x600mm | 10241

600x600mm | 10212

600x600mm | 10201

600x600mm | 10234

600x600mm | 12220

600x600mm | 10232

600x600mm | 10247
MARBLE-GRANITE

- 600x1200mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone

600X1200 mm | STAR GOLD

600X1200 mm | CANTO WHITE

Preview Shown: STAR GOLD
MARBLE-GRANITE

- 600x600mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone

600x600mm | CANTO OCEAN
600x600mm | CANTO CREAMA
600x600mm | NU CANTO AZUL
600x600mm | CANTO GREEN

Preview Shown: CANTO GREEN
Preview Shown: NU CANTO AZUL
MARBLE GRANITE

- 600x600mm
- Gloss Finish
- Double Charge Tiles
- Plant: West Zone
## TECHNICAL SPECIFICATIONS

### Double Charge | Nano | Polished Vitrified Tiles

<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>(In Sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000X1000 (West Zone)</td>
<td>2</td>
<td>2.00</td>
<td>21.53</td>
</tr>
<tr>
<td>800X1200 (West Zone)</td>
<td>2</td>
<td>1.92</td>
<td>20.67</td>
</tr>
<tr>
<td>600X1200 (West Zone)</td>
<td>2</td>
<td>1.44</td>
<td>15.50</td>
</tr>
<tr>
<td>800X800 (West Zone)</td>
<td>3</td>
<td>1.92</td>
<td>20.67</td>
</tr>
<tr>
<td>600X600 (West Zone)</td>
<td>4</td>
<td>1.44</td>
<td>15.50</td>
</tr>
</tbody>
</table>

### As per Indian Standard (IS 15622:2017) Group B 1a

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standard Test Method</th>
<th>IS 15622 Requirements</th>
<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension &amp; Surface Quality</td>
<td>IS 13630 (Part 1):2006</td>
<td>≥ 3.0%</td>
<td>≤ 0.1%</td>
</tr>
<tr>
<td>Deviation in Length &amp; Width</td>
<td>IS 13630 (Part 1):2006</td>
<td>≤ 2.5%</td>
<td>≤ 1.0%</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>IS 13630 (Part 1):2006</td>
<td>≤ 3.0%</td>
<td>≤ 1.0%</td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td>IS 13630 (Part 1):2006</td>
<td>≤ 0.01%</td>
<td>≤ 0.1%</td>
</tr>
<tr>
<td>Squareness</td>
<td>IS 13630 (Part 1):2006</td>
<td>0.1%</td>
<td>≤ 0.1%</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>IS 13630 (Part 1):2006</td>
<td>≤ 50.0%</td>
<td>≤ 2.0%</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>Conforms</td>
</tr>
<tr>
<td>Physical Properties</td>
<td>IS 13630 (Part 2):2006</td>
<td>E ≤ 0.08</td>
<td>E ≤ 0.05</td>
</tr>
<tr>
<td>Water Absorption %</td>
<td>IS 13630 (Part 6):2006</td>
<td>Avg &gt; 35 N/mm²</td>
<td>&gt; 35 N/mm²</td>
</tr>
<tr>
<td>Module of Rupture in (N/mm²)</td>
<td>IS 13630 (Part 6):2006</td>
<td>Min 1300</td>
<td>&gt; 1300</td>
</tr>
<tr>
<td>Breaking Strength in N</td>
<td>IS 13630 (Part 6):2006</td>
<td>Min 5</td>
<td>≥ 5</td>
</tr>
<tr>
<td>Scratching Resistance</td>
<td>IS 13630 (Part 13):2006</td>
<td>140 Max</td>
<td>100 Max</td>
</tr>
<tr>
<td>Deep Abrasion</td>
<td>IS 13630 (Part 12):2006</td>
<td>Min, Class 2</td>
<td>Min, Class AA</td>
</tr>
<tr>
<td>Chemical Properties</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 2 A</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Staining</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 2 A</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Household Chemicals</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 2 A</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Specifications</td>
<td>IS 13630 (Part 5):2006</td>
<td>Min 10 Cycles</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>IS 13630 (Part 4):2006</td>
<td>1.0%</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Expansion</td>
<td>IS 13630 (Part 4):2006</td>
<td>Max 6x10⁻⁶ or 100°C (°C)</td>
<td>Conforms</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>IS 13630 (Part 10):2006</td>
<td>10 Cycles pass</td>
<td>Conforms</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>IS 13630 (Part 14):2006</td>
<td>0.55 kilograms</td>
<td>Conforms</td>
</tr>
<tr>
<td>Bulb Density (gm/cc)</td>
<td>IS 13630 (Part 2):2006</td>
<td>Min 2.2</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.
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 Kolak Mahindra Bank),
Chennai-600 083,
Tel.: +91 44 4213 8687

COCHIN
“SURYA GAYATRI”, Building No. 32/8, 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 41666

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 4046/7

LUCKNOW
Raj Rani Apartment, Ground Floor, Near Brijy Nagar,
Badhshah Nagar Railway Station, Lucknow-226 006,
Tel.: +91 98847 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, Gullekdi,
Swargate, Pune-411 037
Tel.: +91 73910 72247

VADODARA DISPLAY CENTRE
78-79, 2nd Floor, Surya Kiran Complex, Beside Banker Heart Institute, Old Padra Road,
Vadodara-390 007, Gujarat
Tel.: +91 98234 14113

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