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.
Advantages of Rhino Paver

- **HIGH MOR**: Max 392 kg / cm²
- **LATEST PUNCHES**: Delight for Customers
- **QUICK DELIVERY**: Smaller Truck Possible / Quicker Delivery
  - Less Freight Cost
  - Assured Delivery from Hoskote

As Compared to Gujarat Supplies
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HRP COBBLE STONE SLATE

Preview Shown: HRP COBBLE STONE SLATE_400x400 mm
HRP ROCK NATURAL
HRP ROCK NATURAL

Shown tile is Matte

400X400 mm
HRP SQUARES GEOMETRIC SLATE

Shown tile is Matte

400X400 mm
HRP PLANK MULTI

Shown tile is Matte
HRP WAVELOCK GRIGIO CREMA

Shown tile is Matte
HRP WAVELOCK COTTO

Shown tile is Matte
HRP ARCH STONE MULTI

Preview Shown: HRP ARCH STONE MULTI_400X400 mm
## TECHNICAL SPECIFICATIONS

### Packing Details

<table>
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<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>
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<tbody>
<tr>
<td>400X400X11</td>
<td>5</td>
<td>0.8</td>
<td>8.61</td>
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### TECHNICAL SPECIFICATION for 400x400 Tiles

**Dimensions and Surface Quality:**

- **Deviation in Size** (Length & Width): ± 0.1 % ± 0.1 % [E 13630 Part 1]
- **Deviation in Thickness:** ± 5.0 % ± 5.0 % [E 13630 Part 1]
- **Straightness of Sides:** ± 0.1 % ± 0.1 % [E 13630 Part 1]
- **Rectangularity:** ± 0.1 % ± 0.1 % [E 13630 Part 1]
- **Surface Flattness:** ± 0.5 % ± 0.5 % [E 13630 Part 1]

**Surface Quality:**

Min 95% of the tiles shall be free from visible defects that would impart the appearance of a major area of the tile. Confirms [E 13630 Part 1]

**Physical Properties:**

- **Water absorption %:** Average 3.0 < E ≤ 6.0%, Individual 6.2% Max. 4.0% Max [E 13630 Part 2]
- **Modulus of rupture N/mm²:** Average 22, Individually 20 Mls. 42.0 Max [E 13630 Part 6]
- **Breaking Strength N:** 600 Min for thickness <7.5mm, 1000 Minimum for thickness ≥7.5 mm Avg 2300 [E 13630 Part 6]
- **Moisture Expansion:** 0.02 Max 0.02 Max [E 13630 Part 3]
- **Scratch hardness (Moh’s Scale):** 5 Min 7 – 8 depends upon Design/surface [E 13630 Part 1/3]

**Resistance to surface abrasion of glazed tiles Class II to IV** (Applicable for floor applications only)

- Class II Min 700 Max
- Class IV to V

- **Linear thermal expansion Co-efficient:** 7×10-6 max Conforms [E 13630 Part 4]
- **Thermal Shock Resistance:** 10 Cycle Min Passed [E 13630 Part 5]
- **Cracking Resistance:** 4 Cycles or 7.5 Bar, Min Passed [E 13630 Part 9]
- **Impact Resistance:** 0.55 , Min >0.55 [E 13630 Part 14]

**Coefficient of Friction:** Manufacturer to declare value where required R12

**Frost Resistance:** Required if agreed to between manufacturer and purchaser Confirms [E 13630 Part 10]

**Bulk density g/cc:** 2.0 , Min >2.1 [E 13630 Part 2]

**Chemical Properties:**

- **Resistance to staining of glazed tiles:** Class I, Min Conforms [E 13630 Part 8]

- **Resistance to House hold chemical except (HF and its compounds):** Class AA, Min Conforms [E 13630 Part 8]

- **Resistance to acids and alkalis except (HF and its compounds):** Required if agreed Confirms [E 13630 Part 8]

**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.
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Listed on BSE (G30365) for 20+ years. And also on NSE (ORIENTBELL).

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