HD-P Elevation
High Depth Punch Range
300x600 mm
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 “Chole Bathroom ke Rade 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
300X600mm HD-P Elevation

EHM BAMBOO DUAL WOOD BEIGE 12-13
EHM BAMBOO DUAL WOOD CREMA 12-13
EHM BAMBOO NATURAL WOOD BROWN 12-13
EHM CASTLE BEIGE 02-03
EHM CASTLE CREMA 02-03
EHM CASTLE GREY 02-03
EHM CASTLE MULTI BROWN 02-03
EHM LEDGESTONE BROWN 10-11
EHM LEDGESTONE GREY 10-11
EHM SLUMP BLOCK BROWN 06-07
EHM STONE BRICK BEIGE 04-05
EHM STONE BRICK BROWN 04-05
EHM STONE BRICK COTTO 04-05
EHM SLUMP BLOCK COTTO 06-07
EHM SLUMP BLOCK CREMA 06-07
EHM SLUMP BLOCK MULTI 06-07
EHM STACKED STONE COTTO 08-09
EHM STACKED STONE GREY 08-09
EHM STACKED STONE GREY MULTI 08-09
EHM STACKED STONE WHITE 08-09
EHM STACKED STONE RUST BEIGE 08-09
EHM WOOD NATURAL BROWN 14-15
EHM WOOD NATURAL CREMA 14-15
EHM STACKED STONE WHITE

EHM STACKED STONE RUST BEIGE

EHM STACKED STONE GREY

EHM STACKED STONE GREY MULTI

EHM STACKED STONE COTTO
WOODS
# TECHNICAL SPECIFICATIONS

## HD-P Elevation Tiles

<table>
<thead>
<tr>
<th>Size (in mm.)</th>
<th>No. of Tiles Per Carton</th>
<th>Covered Area Per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>300X600 mm</td>
<td>5</td>
<td>0.9</td>
</tr>
</tbody>
</table>

### As per Indian Standard (IS 15622:2017)

#### Characteristics

<table>
<thead>
<tr>
<th>Dimension &amp; Surface Quality</th>
<th>Standard Test Method</th>
<th>Requirement as per IS 15622:2017 3+cEs6 (GROUP B Iie)</th>
<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deviation in Size (Length &amp; Width)</td>
<td>± 0.5 %</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>± 0.5 %</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
</tr>
<tr>
<td>Straightness of sides</td>
<td>± 0.2 %</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>± 0.5 %</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
</tr>
<tr>
<td>Surface Flappiness</td>
<td>± 0.2 %</td>
<td>± 0.1 %</td>
<td>± 0.1 %</td>
</tr>
</tbody>
</table>

#### Physical Properties

<table>
<thead>
<tr>
<th>Water absorption %</th>
<th>IS 13630 Port 2</th>
<th>Average 3 ≤ E ≤ 6, Individual 6.25 Max.</th>
<th>3-6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modulus of rupture N/mm²</td>
<td>IS 13630 Port 6</td>
<td>Average 22, Individual 20. Min.</td>
<td>Min 35 N/mm²</td>
</tr>
<tr>
<td>Breaking Strength N</td>
<td>IS 13630 Port 6</td>
<td>600 Min for thickness &lt;7.5mm, 1000 Minimum for Thickness ≥7.5 mm</td>
<td>Min 1100 N</td>
</tr>
<tr>
<td>Moisture Expansion</td>
<td>IS 13630 Port 3</td>
<td>0.03 Max</td>
<td>Conforms</td>
</tr>
<tr>
<td>Scratch hardness (Moh’s Scale)</td>
<td>IS 13630 Port 13</td>
<td>4 Min</td>
<td>Min 5</td>
</tr>
<tr>
<td>Resistance to surface abrasion of glazed tiles Class I to V</td>
<td>IS 13630 Port 11</td>
<td>Class II Min</td>
<td>Class III Min</td>
</tr>
<tr>
<td>Linear thermal expansion Co-efficient</td>
<td>IS 13630 Port 4</td>
<td>9x10⁻⁶ max</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>IS 13630 Port 5</td>
<td>10 Cycle Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Creasing Resistance</td>
<td>IS 13630 Port 8</td>
<td>4 Cycles at 7.5 Bar, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>IS 13630 Port 14</td>
<td>0.55 Min</td>
<td>Min 0.50</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>IS 13630 Port 10</td>
<td>Required if agreed to between manufacturer and purchaser</td>
<td>Passed</td>
</tr>
</tbody>
</table>

#### Chemical Properties

| Resistance to Shrink of Glazed Tiles | IS 13630 Port 8 | Class 1 Min | Class 1 |
| Resistance to Household Chemicals | IS 13630 Port 8 | Class AA, Min | Class AA |
| Resistance to Acids and Alkalis (Except HF) | IS 13630 Port 8 | Require if agreed | Class AA |
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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
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Tel.: +91 99847 86404

NEW DELHI
M-47, GK 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

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