With New Geometric Designs For Laying In Infinite Ways!
Realty+ recognizes the best of the best within the ranks of Indian Real Estate

**Website Of the Year-Jan 2020**
for www.orientbell.com
(India’s construction & design industry)

**Brand Of the Year-Jan 2021**
(Flooring Idea-Tiles & Ceramic)

**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
NEW DESIGNS

HP Basket Weave Square Beige 01
HP Basket Weave Grey Plus 03
HP Basket Weave Path Blue 05
HP Button Ivory 14
HP Button Terracotta 14
HP Capsule Ivory 13
HP Capsule Terracotta 13

CURRNET POPULAR DESIGNS

Gardena Gris 23 Nebula Café 20
Hexa Caramel 18 Nebula Gris 20
Hexa Dove 18 Nebula Multi 20
Hexa Earthy 18 Nebula Sandune 20
Hexa Hazel 17 ODP Stonex Brown 23
Hexa Iron 18 ODP Stonex Multi 23
Hexa Nero 18 Ribbed Brown 20
Hexa Sandune 18 Ribbed Cotto 20
Hexa Shadow 18 Ribbed Gris 20
Hexa Sky 18 Ribbed Ivory 20
Hulk Gris 23 Ribbed Multi 19
Hulk Multi 23 Subway Antique 21
Hulk Sandune 23 Subway Brown 21
Kaso Coffee 21 Strip Cotto 23
Kaso Cotto 22 Subway Gris 21
Kaso Earth 21 Subway Sandune 21
Kaso Gris 21
Kaso Multi 21
Tile Carpet

HP BASKET WEAVE
GREY PLUS

Elevation Wall Tile Shown: SEM HILLOCK STONE MULTI

300x300 mm

Paver & Parking Tiles
Make different patterns by rotating the tiles

Use of spacer recommended for such patterns.
Paver & Parking Tiles

**HP BASKET WEAVE**

**SQUARE BEIGE**

Make different patterns by rotating the tiles. Use of spacer recommended for such patterns.

*Tile Carpet*

*HP BASKET WEAVE SQUARE BEIGE*
Make different patterns by rotating the tiles

Use of spacer recommended for such patterns.
Tile Carpet

Elevation Wall Tile Shown: SEG BRICK GREY

NEW ARRIVAL

HP BASKET WEAVE PATH BLUE
Make different patterns by rotating the tiles

Use of spacer recommended for such patterns.
300x300 mm

Paver & Parking Tiles

Tile Carpet

HP WAVO BEIGE

Shown in Matte
Tile Carpet

HP WAVO BLUE

Shown tile is Matte 300x300 mm
300x300 mm

Tile Carpet

HP WAVO GREY MULTI

Paver & Parking Tiles
Tile Carpet

HP PEBBLE FRAME BROWN

Shown tile is Matte

230 x 230 mm
Tile Carpet

HP PEBBLE FRAME MULTI

300x300 mm
Tile Carpet

HP PEBBLE FRAME WOOD
GRASS

Shown tile is Matte
Tile Carpet

HP CAPSULE TERRACOTTA

HP CAPSULE IVORY

300x300 mm

Paver & Parking Tiles
Tile Carpet

HP BUTTON TERRACOTTA

HP BUTTON IVORY

NEW ARRIVAL

Shown tile is Matte

300x300 mm

Paver & Parking Tiles
Tile Carpet

HP PLAIN IVORY

HP PLAIN TERRACOTTA

Shown tile is Matte 300x300 mm Paver & Parking Tiles
Tile Carpet

HEXA HAZEL

300x300 mm

Paver & Parking Tiles
300x300 mm
Paver & Parking Tiles

Tile Carpet

shown as Matte
RIBBED GRIS

RIBBED BROWN

RIBBED COTTO

RIBBED IVORY

NEBULA GRIS

NEBULA SANDUNE

NEBULA MULTI

NEBULA CAFE
300x300 mm

Paver & Parking Tiles

KASO MULTI

KASO EARTH

KASO GRIS

KASO COFFEE

SUBWAY GRIS

SUBWAY BROWN

SUBWAY SANDUNE

SUBWAY ANTIQUE
Tile Carpet

KASO COTTO
300x300 mm

Paver & Parking Tiles

STRIP COTTO

HULK MULTI

HULK GRIS

HULK SANDUNE

GARDENA GRIS

ODP STONEX BROWN

ODP STONEX MULTI
# TECHNICAL SPECIFICATIONS

**Paver & Parking Tiles**

<table>
<thead>
<tr>
<th>Size</th>
<th>No. of Tiles</th>
<th>Covered Area Per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>(In mm.)</td>
<td>Per Carton</td>
<td>(In Sq. Mtr.)</td>
</tr>
<tr>
<td>300x300 (HSK)</td>
<td>10</td>
<td>0.9</td>
</tr>
</tbody>
</table>

## Packing Details

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Testing Methods</th>
<th>Required as per ISO 13006 E ≤ 0.5 (Group B Ia)</th>
<th>Required as per IS 15622:2017 3 &lt; E ≤ 0.6 (Group BIIa)</th>
<th>OBL Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension &amp; Surface Quality</td>
<td>IS 13630 (Part 1):2006</td>
<td>± 0.60 %</td>
<td>± 0.4 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Deviation In Length &amp; Width</td>
<td></td>
<td>Unrectified</td>
<td>Recified</td>
<td></td>
</tr>
<tr>
<td>Deviation In Thickness</td>
<td></td>
<td>± 5.0 %</td>
<td>± 5.0 %</td>
<td>± 4.0 %</td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td>IS 13630 (Part 6):2006</td>
<td>± 0.5 %</td>
<td>± 0.3 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>IS 13630 (Part 7):2006</td>
<td>± 0.6 %</td>
<td>± 0.3 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>IS 13630 (Part 8):2006</td>
<td>± 0.5 %</td>
<td>± 0.5 %</td>
<td>± 0.2 %</td>
</tr>
<tr>
<td>Surface Quality</td>
<td></td>
<td>Min. 95 % tiles should be free from visible defects</td>
<td>Min. 95 % tiles should be free from visible defects</td>
<td>Conforms</td>
</tr>
</tbody>
</table>

## Physical Properties

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Testing Methods</th>
<th>Required as per ISO 13006 E ≤ 0.5 (Group B Ia)</th>
<th>Required as per IS 15622:2017 3 &lt; E ≤ 0.6 (Group BIIa)</th>
<th>OBL Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption</td>
<td>IS 13630 (Part 2):2006</td>
<td>Avg ≤ 0.5%, Individual 0.6 max</td>
<td>Avg ≤ 0.5%, Individual 0.6 max</td>
<td>Av &lt; 4.5%</td>
</tr>
<tr>
<td>Modulus of Rupture in (N/mm²)</td>
<td>IS 13630 (Part 6):2006</td>
<td>Avg 35, Individual 32, Min</td>
<td>Avg 35, Individual 32, Min</td>
<td>&gt; 30</td>
</tr>
<tr>
<td>Breaking Strength in N</td>
<td>IS 13630 (Part 6):2006</td>
<td>1300</td>
<td>1300 Min</td>
<td></td>
</tr>
<tr>
<td>Moisture Expansion in mm/m</td>
<td>IS 13630 (Part 3):2006</td>
<td>Test Method Available</td>
<td>0.02, Max</td>
<td>Conforms</td>
</tr>
<tr>
<td>Scratch Hardness of Surface (Mohs)</td>
<td>IS 13630 (Part 13):2006</td>
<td>N.A.</td>
<td>5, Min</td>
<td>Min B</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion of glazed tiles (Class I to V)</td>
<td>IS 13630 (Part 11):2006</td>
<td>Report Abrasion Class &amp; Cycle Passed</td>
<td>Class II, Min</td>
<td>PEI Class V</td>
</tr>
<tr>
<td>Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C</td>
<td>IS 13630 (Part 4):2006</td>
<td>Test Method Available</td>
<td>10 x 10⁻⁶ K⁻¹°Max</td>
<td>Conforms</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>IS 13630 (Part 5):2006</td>
<td>Test Method Available</td>
<td>10 cycles, Min</td>
<td>Passed</td>
</tr>
<tr>
<td>Creasing Resistance</td>
<td>IS 13630 (Part 9):2006</td>
<td>Required</td>
<td>4 Cycles@7.5 bar, Min</td>
<td>Passed</td>
</tr>
<tr>
<td>Impact resistance- Coefficient of restitution</td>
<td>IS 13630 (Part 14):2006</td>
<td>N.A.</td>
<td>0.55, Min</td>
<td>Conforms</td>
</tr>
</tbody>
</table>

## Chemical Properties

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Testing Methods</th>
<th>Required as per ISO 13006 E ≤ 0.5 (Group B Ia)</th>
<th>Required as per IS 15622:2017 3 &lt; E ≤ 0.6 (Group BIIa)</th>
<th>OBL Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stain Resistance</td>
<td>IS 13630 (Part 8):2006</td>
<td>Test Method Available</td>
<td>Class I, Min</td>
<td>Min. Class I</td>
</tr>
<tr>
<td>Resistance to household chemicals</td>
<td></td>
<td>Test Method Available</td>
<td>Class AA, Min</td>
<td>Min. Class AA</td>
</tr>
<tr>
<td>Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)</td>
<td>IS 13630 (Part 8):2006</td>
<td>Test Method Available</td>
<td>[Required if agreed]</td>
<td>[Required if agreed]</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.
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