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.

OBL Awards & Accolades

Realty+ recognizes the best of the best within the ranks of Indian Real Estate
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**INDEX**

**GRANALT-800x2400mm**
- Granalt Brown
- Granalt FB Rich Black
- Granalt Galactic Blue
- Granalt Grey
- Granalt Ivory
- Granalt Portoro Gold
- Granalt Royal Black
- Granalt Royal White
- Granalt SNP Black
- Granalt SNP Crema
- Granalt SNP Nero
- Granalt Statuario

**INSPIRE ART-600x1200mm**
- Décor Bottocino Flora Beige
- PGVT Bottocino Beige Lt
- PGVT Bottocino Beige Dk
- PGVT Sandstone Beige

**INSPIRE-800x1600mm**
- DGVT Sand Beige
- DGVT Sand Brown DK
- DGVT Sand Bown LT
- DGVT Sand Grey DK
- DGVT Sand Grey LT
- DGVT Sand Ivory
- DGVT Sand Mocca
- DGVT Sand Silver
- PGVT Armani Marble Brown
- PGVT Armani Marble Crema
- PGVT Armani Marble Grey DK
- PGVT Armani Marble Grey LT
- PGVT Breccia Marble Beige
- PGVT Calacatta Bellissimo Marmi
- PGVT Dyna Beige
- PGVT Endless Sofa Beige
- PGVT Endless Carrara Marble
- PGVT Nile Quartzite Grey
- PGVT Onyx Ice
- PGVT Onyx Pearl
- PGVT Statuario Streak Vein Marble
- PGVT Valentina Quartzite Grey
- Super Gloss Black Golden Marble
- Super Gloss Emperor Brown Marble
- Super Gloss Portoro White Vein Marble

Listed on BSE (530365) for 20+ years. And also on NSE (ORIENTBELL).
Beauty Beyond Granite

APPLICATION AREA

- KITCHEN UNIT TOP
- WORK TOP
- TERRACES
- STEP & RISER
- CORRIDORS & HALLS
- FLOORING HEAVY TRAFFIC AREA
- FURNITURES
- BATH TUB
- INTERIOR
- DINING TABLE
- WASH BASIN
- PUBLIC PARKS & GARDEN
Beauty Beyond Granite

Available at West Zone
Granalt Royal White

Tiles Shown: Granalt Royal White & Super Gloss Crystal Blue Marble
Granalt Royal Black

Tiles Shown: Granalt Royal Black, Granalt Ivory & PGVT Real Travertine Biege
Granalt SNP Black

Full Body Vitrified Tiles | 15mm | Polished

Tiles Shown: Granalt SNP Black & PGVT Grey Stone Marble
Granalt SNP Nero

Tile Shown: Granalt SNP Nero
Granalt Grey

Tiles Shown: Granalt Grey & PGVT Royal Dyna Grey
Granalt Ivory

Tiles Shown: Granalt Ivory & PGVT Giallo Siena
Granalt SNP Crema

Tiles Shown: Granalt SNP Crema, Granalt SNP Nero & PGVT Grey Stone Marble
Granalt Brown

Tiles Shown: Granalt Brown & PGVT Giallo Siena
Granalt Portoro Gold

Tiles Shown: Granalt Portoro Gold & PGVT Grey Stone Marble
Granalt Galactic Blue

Tiles Shown: Granalt Galactic Blue & PGVT Royal Dyna Grey
Granalt Statuario

Tiles Shown: Granalt Statuario & Super gloss Portoro Silver Marble
Granalt FB Rich Black

Tiles Shown: Granalt FB Rich Black, PGVT Venato Statuario & DGVT Smoky Mocca
INSPIR
800x1600mm

Available at West Zone
PGVT Endless Carrara Marble

Preview Shown: PGVT Endless Carrara Marble & Granalt SNP Nero
PGVT Statuario Streak Vein Marble

Preview Shown : PGVT Statuario Streak Vein Marble
PGVT Calacatta Bellissimo Marmi

Preview Shown: PGVT Calacatta Bellissimo Marmi & Granati Royal Black
PGVT Onyx Ice
PGVT Armani Marble Grey LT

Preview Shown : PGVT Armani Marble Grey LT
PGVT Valentino Quartzite Grey

Preview Shown: PGVT Valentino Quartzite Grey
PGVT Nile Quartzite Grey

Preview Shown: PGVT Nile Quartzite Grey
PGVT Armani Marble Grey DK

Preview Shown: PGVT Armani Marble Grey DK
Super Gloss Portoro White Vein Marble
Super Gloss Black Golden Marble

Preview Shown: Super Gloss Black Golden Marble & DGVT Sand Brown DK
PGVT Armani Marble Crema

Preview Shown: PGVT Armani Marble Crema
PGVT Onyx Pearl

Preview Shown: PGVT Onyx Pearl

Glossy Glazed Vitrified Tiles

PGVT Dyna Beige & DGVT Sand Beige

800x1600mm

INSPIRE

800x1600mm

Glossy Glazed Vitrified Tiles

Glossy
PGVT Dyna Beige

Preview Shown: PGVT Dyna Beige & DGVT Sand Beige
PGVT Breccia Marble Beige

Preview Shown: PGVT Breccia Marble Beige & Granalt Brown
PGVT Endless Sofita Beige

Preview Shown: PGVT Endless Sofita Beige
PGVT Armani Marble Brown
Super Gloss Emperador Brown Marble

Preview Shown: Super Gloss Emperador Brown Marble
800x1600mm
DGVT
DGVT Sand Silver

Preview Shown: DGVT Sand Silver
DGVT Sand Grey LT
DGVT Sand Grey DK

Preview Shown: DGVT Sand Grey DK
DGVT Sand Ivory
DGVT Sand Mocca

Preview Shown: DGVT Sand Mocca
DGVT Sand Beige
DGVT Sand Brown LT

Preview Shown: DGVT Sand Brown LT
DGVT Sand Brown DK

Digital Glazed Vitrified Tiles Matte

800x1600mm

Available at SKD Plant
Choose the base you like.
Choose The base You Like

600x1200mm | Décor Square Triangle Grey

600x1200mm | DGVT Smoky Grey Light

600x1200mm | DGVT Real Travertine Grey

600x1200mm | DGVT Smoky Grey Dark

600x1200mm | DGVT Cementum Gris
Preview Shown: Décor Moroccan Art Grey, DGVT Smoky Grey Dark & DGVT Cementum Gris
Choose The base You Like

600x1200mm | DÉCOR MOROCCAN ART GREY

600x1200mm | DGVT SMOKY GREY LIGHT

600x1200mm | DGVT REAL TRAVERTINE GREY

600x1200mm | DGVT SMOKY GREY DARK

600x1200mm | DGVT CEMENTUM GRIS

INSPIRE Art
600x1200 mm
Glazed Vitrified Tiles
Choose The base You Like

600x1200mm | DÉCOR MOROCCAN ART BLACK WHITE

600x1200mm | ROCKER ANTIQUE MARBLE

600x1200mm | DGVT CEMENTUM GRIS

600x1200mm | DGVT SMOKY GREY LIGHT

600x1200mm | DGVT SMOKY GREY DARK
Choose The base You Like

- Décor Moroccan Spanish Art Multi
- DGVT Smoky Beige Light
- DGVT Limestone Beige
- DGVT Smoky Beige Dark
Choose The base You Like

600x1200mm | DéCOR GEOMETRIC FLORAL GREY
600x1200mm | PGVT CEPPO STONE GREY LT
600x1200mm | PGVT MONACO GREY
600x1200mm | PGVT VENEZIA CLASSIC GREY
600x1200mm | PGVT TRAVERTINE GREY

GLOSSY FINISH

Preview Shown: DéCOR Geometric Floral Grey & PGVT Monaco Grey
Choose The base You Like

- **Décor Geometric Floral Grey**
- **PGVT Ceppo Stone Grey LT**
- **PGVT Monaco Grey**
- **PGVT Travertine Grey**
- **PGVT Venezia Classic Grey**

600x1200mm | Glossy Finish
Choose The base You Like

- **Décor Diamond Encuastic Multi**
- **PGVT Bottocino Beige DK**
- **PGVT Midtown Light**
- **PGVT Regan Ivory**
- **PGVT Travertino Marble**
- **PGVT Bottocino Beige DK (Glossy Finish)**
Choose the base you like:

- Décor Bottocino Flora Beige
- PGVT Bottocino Beige LT
- PGVT Sandstone Beige
- PGVT Bottocino Beige DK
- PGVT Atlantis Beige Glossy Finish
Choose The base You Like

600x1200mm | Décor Botocino Flora Beige

600x1200mm | PGVT Botocino Beige LT

600x1200mm | PGVT Botocino Beige DK

600x1200mm | PGVT Atlantis Beige

600x1200mm | PGVT Sandstone Beige
Choose The base You Like

- Décor Géométric Multi
- PGVT Midtown Light
- PGVT Bottocino Beige DK
- PGVT Regan Ivory
- PGVT Travertino Marble

Glossy Finish
Choose the base you like:

- Décor Star Multi, PGVT Midtown Light & PGVT Bottocino Beige DK (Glossy Finish)
- PGVT Regan Ivory
- PGVT Atlantis Beige
- PGVT Bottocino Beige DK
Choose The base You Like

600x1200mm | DÉCOR STAR MULTI

600x1200mm | PGVT MIDTOWN LIGHT

600x1200mm | PGVT REGAN IVORY

600x1200mm | PGVT ATLANTIS BEIGE

600x1200mm | PGVT BOTTOCINO BEIGE DK
Choose The base You Like

600x1200mm | DÉCOR FABRIC STRIPS MULTI

600x1200mm | PGVT BOTTOCINO BEIGE LT

600x1200mm | PGVT REGAN IVORY

600x1200mm | PGVT ATLANTIS BEIGE

600x1200mm | PGVT BOTTOCINO BEIGE DK
# TECHNICAL SPECIFICATIONS

Full Body & Glazed Vitrified Tiles

## Packing Details

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standard as Per ISO-13006 /EN 14411 Group</th>
<th>OBL Values</th>
<th>TEST METHOD</th>
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<tr>
<td>Regulatory Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deviation in Length &amp; Width</td>
<td>0.50 %</td>
<td>0.20 %</td>
<td>ISO - 10545-2</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>0.50 %</td>
<td>0.20 %</td>
<td>ISO - 10545-2</td>
</tr>
<tr>
<td>Straightness in Side</td>
<td>0.50 %</td>
<td>0.20 %</td>
<td>ISO - 10545-2</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>0.50 %</td>
<td>0.20 %</td>
<td>ISO - 10545-2</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td>0.50 %</td>
<td>0.20 %</td>
<td>ISO - 10545-2</td>
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<tr>
<td>Color difference</td>
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<td>ISO - 10545-16</td>
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<td>Glossiness</td>
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<td>Glassmeter</td>
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<td>Surface Mechanical Properties</td>
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<td>Water Absorption</td>
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<td>&lt; 0.50 %</td>
<td>ISO - 10545-3</td>
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<td>Apparent Density</td>
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<td>&gt; 2.10 g/cc</td>
<td>DIN 51082</td>
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<td>Massive Mechanical Properties</td>
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<td>Min. 42 N/mm²</td>
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<td>Min. 2800 N</td>
<td>ISO - 10545-4</td>
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<tr>
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<td>Min. 0.75</td>
<td>ISO - 10545-5</td>
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<td>Surface Mechanical Properties</td>
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<tr>
<td>Surface Abrasion of Resistance</td>
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<td>Min. Class 3</td>
<td>ISO - 10545-7</td>
</tr>
<tr>
<td>MOH's Hardness</td>
<td>As per mfg.</td>
<td>Min. Class 4</td>
<td>EN 101</td>
</tr>
<tr>
<td>Thermo Hydrometric Properties</td>
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<tr>
<td>Frost Resistance</td>
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<td>No damage</td>
<td>ISO - 10545-12</td>
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<tr>
<td>Thermal Shock Resistance</td>
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<td>No damage</td>
<td>ISO - 10545-9</td>
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<tr>
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<td>ISO - 10545-10</td>
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<td>Thermal Expansion [ COE ]</td>
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<td>Max. 6.5x10⁻⁶</td>
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<td>Min 10 Cycle</td>
<td>ISO - 10545-11</td>
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<td>Chemical Properties</td>
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<td>Stain Resistance</td>
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<td>Resistant</td>
<td>ISO - 10545-14</td>
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<tr>
<td>Safety Properties</td>
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<td>Slip Resistance</td>
<td>As per mfg.</td>
<td>&gt;0.40</td>
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<tr>
<td>Fire Resistance</td>
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<td>Fire Proof</td>
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</table>

## Properties

- **Rectangularity:** ± 5.0 %
- **Deviation in Thickness:** ± 0.5 %
- **Deviation in Length & Width:** ± 0.5 %
- **Straightness in Side:** ± 0.5 %
- **Rectangularity:** ± 0.5 %
- **Surface Flatness:** ± 0.5 %
- **Color difference:** ± 0.5 %
- **Glossiness:** ± 0.2 %
- **Massive Mechanical Properties:** ± 0.1 %
- **Impact Resistance:** ± 4.0 %
- **Modulus of Rupture:** ± 0.1 %
- **Breaking Strength:** ± 4.0 %
- **Water Absorption:** ± 0.1 %
- **Apparent Density:** ± 4.0 %
- **Chemical Properties:** ± 0.1 %
- **Thermal Shock Resistance:** ± 4.0 %
- **Frost Resistance:** ± 4.0 %
- **Safety Properties:** ± 4.0 %
- **Slip Resistance:** ± 4.0 %
- **Fire Resistance:** ± 4.0 %

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### TECHNICAL SPECIFICATIONS

Glazed Vitrified Tiles

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<thead>
<tr>
<th>Characteristics</th>
<th>Standard as Per ISO-13006/EN 14411 Group BIA</th>
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<th>Mean Value of DGVT</th>
<th>Test Method</th>
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<td><strong>Regulatory Properties</strong></td>
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</tr>
<tr>
<td>Deviation in Length &amp; Width</td>
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<td>Rectangularity</td>
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<tr>
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<td>Min. 5</td>
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<td><strong>Thermo Hydrometric Properties</strong></td>
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<td>Frost Resistance</td>
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<tr>
<td>Stain Resistance</td>
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<td>ISO-10545-14</td>
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<tr>
<td><strong>Safety Properties</strong></td>
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<td>Lead &amp; Cadmium given off by glazed tiles</td>
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<td>Doesn’t yield PB &amp; CD</td>
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<td>ISO-10545-15</td>
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**Packing Details**

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<tr>
<th>Size</th>
<th>No. of Tiles</th>
<th>Covered Area Per Carton</th>
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</thead>
<tbody>
<tr>
<td>800x1600 (West Zone)</td>
<td>2</td>
<td>2.56</td>
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</table>

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# TECHNICAL SPECIFICATIONS

## Glazed Vitrified Tiles

<table>
<thead>
<tr>
<th>Size</th>
<th>No. of Tiles Per Carton</th>
<th>Covered Area Per Carton</th>
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</thead>
<tbody>
<tr>
<td>(in mm.)</td>
<td></td>
<td>(in Sq. Mtr.)</td>
</tr>
<tr>
<td>600x1200mm (SKD)</td>
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<tr>
<td></td>
<td></td>
<td>(in Sq. ft.)</td>
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<tr>
<td></td>
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## Packing Details

### Group B 1a as per ISO 13006:2012 and Group B 1b as per IS 15622:2017

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<thead>
<tr>
<th>Characteristics</th>
<th>Test Methods</th>
<th>Requirement as per IS 13006 ≤ 0.5 Group B 1a</th>
<th>Requirement as per IS 15622:2017 0.08 ≤ E ≤ 3% Group B 1b</th>
<th>OBL Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IS 13630 (Part 1):2006</td>
<td>UnRectified</td>
<td>Rectified</td>
<td>UnRectified</td>
</tr>
<tr>
<td>Deviation in Length &amp; Width</td>
<td></td>
<td>± 0.6%</td>
<td>± 0.4%</td>
<td>± 0.4%</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td></td>
<td>± 1%</td>
<td>± 1%</td>
<td>± 3%</td>
</tr>
<tr>
<td>Straightness of Sides</td>
<td></td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
</tr>
<tr>
<td>Rectangularity</td>
<td></td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
</tr>
<tr>
<td>Surface Flatness</td>
<td></td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
</tr>
<tr>
<td>Surface Quality</td>
<td></td>
<td>Pass</td>
<td>Min. 95% tiles should be free from visible defects</td>
<td>Min. 95% tiles should be free from visible defects</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>IS 13630 (Part 2):2006</td>
<td>Avg ≤ 0.5, Individual max, 0.6</td>
<td>Avg 0.08 ≤ E ≤ 3, Individual 3.3, Max</td>
<td>Avg ≤ 0.5, Individual max, 0.6</td>
</tr>
<tr>
<td>Modulus of Rupture in [N/mm²]</td>
<td>IS 13630 (Part 6):2006</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>
<tr>
<td>Breaking Strength in N</td>
<td>IS 13630 (Part 4):2006</td>
<td>&lt; 7.5 mm thickness: 700, Min</td>
<td>≥ 7.5 mm thickness: 1300, Min</td>
<td>1500, Min</td>
</tr>
<tr>
<td>Moisture Expansion in mm/m</td>
<td>IS 13630 (Part 3):2006</td>
<td>Declare Value</td>
<td>0.02, Max</td>
<td>&lt; 0.02</td>
</tr>
<tr>
<td>Scratch Hardness of Surface (Moh’s Scale)</td>
<td>IS 13630 (Part 13):2006</td>
<td>NA</td>
<td>5, Min</td>
<td>5 to 8 Depending on Design/Surface</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion of Glazed Tiles (Class I to V)</td>
<td>IS 13630 (Part 11):2006</td>
<td>Test Method Available</td>
<td>Class II, Min</td>
<td>Class II to Class V Depending as per Design / Surface</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>7x10⁸ 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>Test Method Available</td>
<td>4 Cycles @ 7.5 bar, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>IS 13630 (Part 10):2006</td>
<td>Test Method Available</td>
<td>4 Cycles @ 7.5 Bar Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Bulk Density, in (g/cc)</td>
<td>IS 13630 (Part 12):2006</td>
<td>NA</td>
<td>2.0, Min</td>
<td>&gt; 2.1</td>
</tr>
<tr>
<td>Impact Resistance - Coefficient of Restitution</td>
<td>IS 13630 (Part 14):2006</td>
<td>Manufacturer to State</td>
<td>0.55, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Chemical Properties</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, Class 3</td>
<td>Class I, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Staining of Glazed Tiles</td>
<td>IS 13630 (Part 8):2006</td>
<td>Min, QA</td>
<td>Class AA, Min</td>
<td>Conforms</td>
</tr>
<tr>
<td>Resistance to Household Chemicals</td>
<td>IS 13630 (Part 8):2006</td>
<td>Test Method Available</td>
<td>Required, if agreed</td>
<td>Conforms</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>Conforms</td>
</tr>
</tbody>
</table>
Each tile design is printed with some variations on different individual tiles. Variation may be in grain structure or how texture appears in the design. This gives a natural look to the surface where tiles are laid and avoids a small repetitive pattern. The number of variations in a design are called faces of a tile.

Randomness is a parameter to indicate the scale of difference in different faces of a tile design. Small variations in faces are indicated with R1 and high variation by R4.
ORIENT BELL TILE BOUTIQUE

CHANDIGARH
SCO - 6, First Floor, Sector 7-C, Madhya Marg, Chandigarh-160 019,
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CHENNAI
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Ashok Nagar, (Above Kotak 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 98799 41666

DEHRADUN
Duggal Complex (Near Kamia 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 Beej Nigam, Bachchshah Nagar Railway
Station, Lucknow-226 006,
Tel.: +91 99847 86404

NEW DELHI
M-47, GK-I, 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. 4011, Shankarasheth Road,
Gultekdi, Swargate, Pune-411 037
Tel.: +91 73910 72247

VADODRA DISPLAY CENTRE
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Old Padra Road, Vadodara-390 007, Gujarat
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