Expanding for a beautiful life.

GLOBAL PRESENCE IN OVER 60 COUNTRIES

YOUNGEST & FASTEST GROWING TILE COMPANY OF INDIA

LARGEST SINGLE LOCATION PLANT IN INDIA

ONE OF TOP 3 LISTED CERAMIC TILES COMPANIES IN INDIA

Dreaming of a bold vision, taking a non-violent revolution, creating groundbreaking technology. Thinking ahead of times - people who made a huge difference in the world have embraced change. At AGL, we have been leading the change by continuous innovation, setting higher goals, achieving the unimaginable and creating new benchmarks. This has enabled us to emerge as a₹1,300 crores (consolidated net turnover for year 2018-19) giant in the space decor industry. In the short span of 19 years, we are one of India’s largest groups, with a global footprint across 60 countries globally.

DREAMING OF A BOLD VISION

1400+ Designs

1 Lacs sq ft/ day Capacity

10 Mfg. units

300+ Showrooms

13+ Display Centres

6500+ Touch Point

6000+ Employees* (includes contract labour)

Asian Granito India Ltd.
Special Features of -
GRESTEK MARVEL VITRIFIED TILES

- Polished
- Long-lasting impression
- Aesthetic value
- Color body
- Suede finish

Available in sizes:

- High Gloss
- Silk Finish
- Mirror Impression
- Rocker Finish
- Matt Finish
- Satin Finish

Digital Glazed Vitrified Tiles
<table>
<thead>
<tr>
<th>Color</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAND WHITE</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>SANDUNE BIANCO</td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>SAND MOCHA</td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>SAND CREMA</td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td>SAND NERO</td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
<tr>
<td>SAND GREY</td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td>PLAIN COTTA</td>
<td><img src="image7.png" alt="Image" /></td>
</tr>
<tr>
<td>PLAIN GREY</td>
<td><img src="image8.png" alt="Image" /></td>
</tr>
<tr>
<td>SAND NERO &amp; GREY</td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
</tbody>
</table>

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
TERAZZO BIANCO

TERAZZO SAHARA

TERAZZO MARRON

TERAZZO GRIS

TERAZZO ANTARTICA

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
The image shows various samples of stone finishes with the following names:

- **MATT / Finish**
- **Granule Hard Choco**
- **Absolute Brown**
- **Absolute Bianco**
- **Absolute Grey**
- **Absolute Nero**
- **Absolute Verde**

These samples are likely used for flooring or wall applications and are labeled as Matt with dimensions of 600x1200mm.

*Note: All Marble Patterns are made of Italian Marble & that will come in Random mode.*
*All Marble Patterns are made of Italian Marble & that will come in Random mode.
16 mm THICKNESS

60x60cm Matt | 600x600mm

- FLAKES BIANCO
- FLAKES BONE
- GRANULURE HARD CREMA
- GRANULURE HARD CRUDD
- FLAKES GREY
- COUNTRY HARD COTTO
- GRANULURE HARD MOCHA
- GRANULURE HARD CHOCO
- COLOUR grey
- COLOUR grey
- MAJESTE HARD GIALLO
- CONCRETA BRONZE
- GRANULURE HARD NERO

All Marble Patterns are made of Italian Marble & that will come in Random mode.
OPULENCE ROCK NERO

OPULENCE PIASENTINA GREY

OPULENCE PIASENTINA BROWN

OPULENCE PIASENTINA BEIGE

OPULENCE PIASENTINA NERO

NEW ARRIVAL

1200x600mm

Opulence

+ All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCK IVORY

ROCK TUSK

ROCK BROWN

1200x600mm
Matt

All Marble Patterns are made of Italian Marble & that will come in Random mode.
COLOR GLAZE RUSTIC

CORINTO CREMA

CORINTO DOVE GREY

CORINTO SAND

CORINTO DARK GREY

CORINTO COFFEE
Satin | 1200x600mm

- Silk Estutario
- Silk Rainbow Bianco
- Silk Rainbow Black
Opulence | 1200x600mm

- Opulence Habitat Black Mirror
- Opulence Impression View
- Opulence Spring Rose FP
- Opulence Decor Ace Bianco FP
- Opulence Ace Bianco FP

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ROPOL RUSTIC FINISH

OPULENCE FLOREX CREMA

OPULENCE FLOREX GREY

OPULENCE FLOREX BROWN

OPULENCE CAROLINA CREMA

OPULENCE CAROLINA NERO

OPULENCE CAROLINA GREY

1200x600mm
Opulence | 1200x600mm

**All Marble Patterns are made of Italian Marble & that will come in Random mode.**
ROCKER SATIN | 1200x600mm

OPULENCE TOLEDO BEIGE

OPULENCE TOLEDO CREMA

OPULENCE TOLEDO GREY

OPULENCE GEOMATT BEIGE

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
ROCKER RUSTIC WOOD FINISH

OPULENCE MODERN WOOD GRIS

OPULENCE MODERN WOOD COPPER

OPULENCE MODERN WOOD PINE

1200x600mm
Opulence | 1200x600mm

- All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCKER RUSTIC | NEW

OPULENCE ABITARE BROWN LT

New

OPULENCE ABITARE GREY LT

New

OPULENCE ABITARE GREY DK

New

OPULENCE URBAN BEIGE

New

OPULENCE URBAN BROWN

New

⋅⋅⋅⋅

1200x600mm

Opulence | 1200x600mm

NEW ARRIVAL

⋅⋅⋅⋅

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ROCKER RUSTIC FACE

OPULENCE CLOUD GREY DECOR

OPULENCE CLOUD GREY

OPULENCE CLOUD CREMA DECOR

OPULENCE CLOUD CREMA

OPULENCE ALABASTER CREMA

1200x600mm
Opulence

NEW ARRIVAL

*All Marble Patterns are made of Italian Marble & that will come in Random mode.
- All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCKER RUSTIC FLOOR

OPULENCE LIMKER BROWN DECOR

OPULENCE LIMKER BROWN LT

OPULENCE LIMKER BROWN DK

1200x600mm
Opulence | 1200x600mm

NEW ARRIVAL

All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCKER RUSTIC FAB

OPULENCE LIMKER GREY DECOR

OPULENCE LIMKER GREY DK

OPULENCE MONTAGE GREY LT

OPULENCE MONTAGE GREY DECOR

OPULENCE MONTAGE GREY DK

OPULENCE MONTAGE BROWN

120x60cm
Opulence | 1200x600mm

NEW ARRIVAL

AGL FINE

Digital Glazed Vitrified Tiles

All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCKER RUSTIC Finish

OPULENCE MONTAGE BROWN DECOR

OPULENCE MONTAGE BROWN DECOR

OPULENCE RIVASA BROWN

OPULENCE RIVASA BROWN

OPULENCE RIVASA GREY LT

OPULENCE RIVASA GREY DK

1200x600mm
Opulence | 1200x600mm
NEW ARRIVAL

All Marble Patterns are made of Italian Marble & that will come in Random mode.
HIGH GLOSS

- GLITZ DECAY RED
- GLITZ CAPETOWN FLAME
- GLITZ DECAY CHOCO

120x60cm
High Gloss | 1200x600mm

NEW ARRIVAL

120x60cm

GLITZ CAPETOWN FLAME

60  *All Marble Patterns are made of Italian Marble & that will come in Random mode.

61
HIGH GLOSS

GLITZ MIRACLE ORRA

GLITZ TESSULA CREMA

GLITZ KENTON BROWN

GLITZ FURRY BEIGE

GLITZ OMBRED

GLITZ FURRY AZUL

• All Marble Patterns are made of Italian Marble & that will come in Random mode.
120x60cm
High Gloss | 1200x600mm

GLITZ ATLAS COFFEE MIRROR FP
GLITZ CALIFORNIA CHOCO
GLITZ SANMARCO CAFE
GLITZ PEROBA BEIGE

• All Marble Patterns are made of Italian Marble & that will come in Random mode.
HIGH GLOSS FINISH

GLITZ RAINFOREST GOLD

GLITZ LAVANTE NERO

GLITZ CAPPUCINO

1200x600mm
High Gloss | 1200x600mm

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AFRICAN STONE MUSHROOM

AFRICAN STONE GRIS

AFRICAN STONE BROWN

COLORADO STONE GREY

AFRICAN STONE NERO

COLORADO STONE NERO

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
RUSTIC Finish

CANYON ROSSO

VINTAGE WOOD GREY

VINTAGE WOOD BLUE

1200x600mm Rustic

VINTAGE WOOD BLUE

**All Marble Patterns are made of Italian Marble & that will come in Random mode.**
RUSTIC FINISH

ALPINE WOOD PINE

RUSTIC WOOD FINISH

CAROLINA PINE

ALPINE WOOD WENGE

ALPINE WOOD CHERRY

1200x600mm Rustic & Wood Finish | NEW ARRIVAL

All Marble Patterns are made of Italian Marble & that will come in Random mode.
FULL POLISHED / NEW

ARMANIA BEIGE

SIGN MOCCA

AMMUZE GREY LT

SIGN GREY

AMMUZE GREY DK

SIGN VERDE

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
**FULL POLISHED**

- **SPIDER GREY DECOR**
- **SPIDER GREY**
- **MOON BEIGE LT**

**NEW ARRIVAL**

- **SPIDER GOLD DECOR**
- **SPIDER GOLD**
- **MOON BEIGE DK**

1200x600mm
Full Polished

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
FLANKO SKY LT

MOTTLE WHITE

MOTTLE WHITE DECOR

FLANKO SKY DECOR

FLANKO SKY DK

NEW

1200x600mm
Full Polished

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
- All Marble Patterns are made of Italian Marble & will come in Random mode.
STONE MARFIL CREMA MIRROR

STONE MARFIL MINT MIRROR

MIRROR IMPRESSION VIEW

MIRROR IMPRESSION VIEW

STONE MARFIL CREMA MIRROR

STONE MARFIL MINT MIRROR
MARMORE CREMA MIRROR FP

ALICANTE CREMA FP

MIRROR IMPRESSION VIEW

ALICANTE BIANCO FP

SUPER WHITE

MONALISA BIANCO FP

120x60cm Polished | 1200x600mm

• All Marble Patterns are made of Italian Marble & that will come in Random mode.
POLISHED FACE

IMPERIAL BOTTICINO BEIGE FP

OLYMPIA COLD FP

OSACA BROWN FP

OSACA GREY FP

STATUARIO WHITE

1200x600mm
Polished

All Marble Patterns are made of Italian Marble & that will come in Random mode.
1200x600mm
Polished | 1200x600mm
LIMESTONE BIANCO FP
LIMESTONE BROWN FP
BOTTDICHINO BEIGE

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
Polished | 1200x600mm

Mulaz Beige

Gemme Beige

Santorini Aqua

Cristello Stone

Santorini Beige

Rossa Travertino

All Marble Patterns are made of Italian Marble & that will come in Random mode.
NEW ARRIVAL

RUSTIC FINISH

PERAMETTA CREMA

PERAMETTA COFFEE

EDGES ASH

EDGES NERO
RUSTIC FINISH

NORMAL TRAVERTINE BEIGE

NORMAL TRAVERTINE GREY

SANDSTONE BEIGE

RUSTIC BRONZE

SATIN FINISH

SILK JULIAN BROWN

SILK JULIAN GREY

120x60cm Rustic & Satin | 1200x600mm NEW ARRIVAL

All Marble Patterns are made of Italian Marble & that will come in Random mode.
120x60cm
Satin & Baby Satin | 1200x600mm

SATIN finish

VELLUTO BEIGE

BABY SATIN finish

SILK NAVONA BEIGE

VELLUTO BIANCO

SILK ATLANTIS BEIGE

VELLUTO CHOCO

SILK ATLANTIS GREY
120x60cm
Rustic Wood | 1200x600mm

AUTUMN PINE

AUTUMN WALNUT

AUTUMN MAHOGANY
RUSTIC WOOD

CAROLINA TEAK

TIMBER MAHAGONY

TIMBER OXIDO

1200x600mm
Rustic Wood | 1200x600mm

TIMBER OXIDO & EDGES NEKO

All Marble Patterns are made of Italian Marble & that will come in Random mode.
ROCKER RUSTIC FINISH

OPULENCE STAR LIGHT BIANCO

OPULENCE STAR LIGHT CREMA

OPULENCE STAR LIGHT BROWN

OPULENCE STAR LIGHT GREY

800x800mm
Opulence | 800x800mm

All Marble Patterns are made of Italian Marble & that will come in Random mode.
OPULENCE ARGOS BEIGE
OPULENCE ARGOS CREMA
OPULENCE DECOR BALENO GRIS
OPULENCE BALENO GRIS
OPULENCE SANDSTONE TRAVERTINO
OPULENCE BALENO COTTO
OPULENCE CHARMWOOD CHERRY
OPULENCE CHARMWOOD PINE

80x80cm
Opulence | 800x800mm

114 • All Marble Patterns are made of Italian Marble & that will come in Random mode.
800x800mm
High Gloss & Polished | 800x800mm

- Glitz Amber Royale
- Glitz Verona Beige
- Glitz Verona Choco
- Glitz Golden Portoro
- Estatuario FP
- Amber Bianco FP
- Perlato Coffee
- Ocean Gold FP
- Bellissimo Brown FP

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GRESTEK
Digital Glazed Vitrified Tiles

80x80mm
Polished | 800x800mm

POLISHED

PRIME WHITE
PARADISE WHITE

DYNASTY ROSE
BOTTOCHINO CLASSICO CREMA FP

BOTTOCHINO CLASSICO BEIGE FP
BOTTOCHINO MARFIL FP

DYNA FANTASTICA FP
REAL DIANO BEIGE FP

• All Marble Patterns are made of Italian Marble & that will come in Random mode.
80x80mm
Satin & Rustic | 800x800mm

- Silk Dolomite Beige
- Silk Desert Beige
- Stubai Crema
- Swiss Bianco
- Swiss Bone
- Caliber Cotto
- Caliber Beige
- Caliber Coffee

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POLISHED

VELVET BOTTICELLIINO FP
DIANA BEIGE FP
CASORIA BEIGE
MANDORLO BROWN

DIANA MINT FP
DIANA BROWN FP

ELEGANT TRAVERTINO FP
TRAVENZA BEIGE

60x60cm
Polished | 600x600mm

• All Marble Patterns are made of Italian Marble & that will come in Random mode.
All Marble Patterns are made of Italian Marble & that will come in Random mode.
PAINTED TEAK FRESH

PAINTED TEAK NATURAL

PAINTED TEAK GOLD

PAINTED TEAK BRUNO

PAINTED TEAK WENGE

MAPLE STRIPS HV GOLD

HHRIZONA COTTO

HHRIZONA NERO

*All Marble Patterns are made of Italian Marble & that will come in Random mode.*
**AGL Fine Tiles**

**GRESTEK**

Digital Glazed Vitrified Tiles

**RUSTIC FINISH**

DALBERGIA NATURAL

ALLURE CREMA

RIVERA BRUNO

ALLURE GREY

ALLURE ASH

SAND CREMA

SAND GRIGIO

60x60mm

Rustic | 600x600mm

---

136 *All Marble Patterns are made of Italian Marble & that will come in Random mode.*

137
COLOR GLAZE RUSTIC FINISH

CORINTO CREMA

CORINTO DOVE GREY

CORINTO SAND

CORINTO DARK GREY

SATIN FINISH

CAPETOWN BIANCO FLR

CAPETOWN BEIGE FLR

CAPETOWN GREY FLR

FLAIR BEIGE FLR

SATIN FINISH

CORINTO COFFEE

SILK MAJESTIC STATUARIO

DECAY GREY FLR

EMERALD BEIGE - N

*All Marble Patterns are made of Italian Marble & that will come in Random mode.
SILK VOLAKAS WHITE
SILK TRAVERTINE BEIGE
ARCADIA BIANCO - N
ARCADIA BEIGE - N
SILK SUNNY GREY
SILK SUNNY COFFEE
MARMARA GREY
MARMARA CREMA
MARMARA CHOCO

600x600mm
Silk | 6000x600mm

All Marble Patterns are made of Italian Marble & that will come in Random mode.
WOOD Strips

CALIFORNIA TEAK

TIMBER MAHAGONY

TIMBER OXIDED

AUTUMN PINE

AUTUMN WALNUT

AUTUMN MAHAGONY

CAROLINA PINE

120x200mm
Wooden Strips | 1200x200mm

*All Marble Patterns are made of Italian Marble & that will come in Random mode*
WOOD: PLANK
CAROLINA TEAK

VINTAGE WOOD BLUE

VINTAGE WOOD GREY

ROCKER RUSTIC: PLANK
OPULENCE MODERN WOOD COPPER

OPULENCE MODERN WOOD PINE

OPULENCE MODERN WOOD GRIS
### Technical Specification

**A) DIMENSION & SURFACE QUALITY**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
<th>Requirement as per ISO 15622:2017 Gr Bia E ≤ 0.80%</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deviation in Length &amp; Width</td>
<td>± 0.5% ≤ 1.0 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 2</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>± 0.5% ≤ 0.5 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Straightness of Edge</td>
<td>± 0.5% ≤ 0.9 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>± 0.5% ≤ 1.0 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 1</td>
</tr>
<tr>
<td>Surface Flatness (R a)</td>
<td>≤ 0.40 ± 0.1 mm</td>
<td>≤ 0.23</td>
<td>≤ 0.23</td>
<td>ISO 15622 Part 1</td>
</tr>
<tr>
<td>Surface Quality</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>ISO 15622 Part 1</td>
</tr>
</tbody>
</table>

- Closeness: > 85

**B) PHYSICAL & THERMAL PROPERTIES**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
<th>Requirement as per ISO 15622:2017 Gr Bia E ≤ 0.80%</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption K by Wt.</td>
<td>≤ 0.5, Ind. 0.4 Max</td>
<td>≤ 0.94, Ind. 0.8 Max</td>
<td>≤ 0.05</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Flexural Strength (WDR)</td>
<td>≤ 40 N/mm²</td>
<td>≤ 40 N/mm²</td>
<td>ISO 15622 Part 4</td>
<td></td>
</tr>
<tr>
<td>Breaking Strength in N</td>
<td>1200 N Min.</td>
<td>1200 N Min.</td>
<td>ISO 15622 Part 4</td>
<td></td>
</tr>
<tr>
<td>Bulk Density (gm/cc)</td>
<td>2.0 Min.</td>
<td>2.2 Min.</td>
<td>ISO 15622 Part 2</td>
<td></td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>&gt; 0.40</td>
<td>&gt; 0.55</td>
<td>&gt; 0.55</td>
<td>ISO 15622 Part 4</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion</td>
<td>Manufacturer: State Class</td>
<td>PDI II Min.</td>
<td>PDI II Group: PDI V &amp; 6”X6” Matt.</td>
<td>ISO 15622 Part 7</td>
</tr>
<tr>
<td>Co-efficient of Linear Thermal Expansion from Ambient temp to 100°C (K)</td>
<td>≤ 0.10 Max.</td>
<td>≤ 0.10 Max.</td>
<td>≤ 0.10 Max.</td>
<td>ISO 15622 Part 6</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>10 Cycles Min.</td>
<td>10 Cycles Min.</td>
<td>No Damage</td>
<td>ISO 15622 Part 9</td>
</tr>
<tr>
<td>Moisture Expansion in mm/M</td>
<td>0.02 Max</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 10</td>
</tr>
<tr>
<td>Creasing Resistance</td>
<td>Required</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 12</td>
</tr>
<tr>
<td>Peel Resistance</td>
<td>Resistance</td>
<td>Resistance</td>
<td>Resistance</td>
<td>EN 101</td>
</tr>
<tr>
<td>Mof S. Scratch Hardness</td>
<td>Min. 5</td>
<td>Min. 5</td>
<td>Min. 5</td>
<td>EN 101</td>
</tr>
</tbody>
</table>

**C) CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
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<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance To House Hold Chemicals</td>
<td>No Damage</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 13</td>
</tr>
<tr>
<td>Resistance To Acids &amp; Alkalis (except HF)</td>
<td>No Damage</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 4</td>
</tr>
<tr>
<td>Stain Resistance</td>
<td>Min. Class 3</td>
<td>Class AA</td>
<td>Class AA</td>
<td>ISO 15622 Part 3</td>
</tr>
</tbody>
</table>

### Packing Specification

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Thickness (mm)</th>
<th>Weight (Kg.)</th>
<th>No. of Tiles / Set</th>
<th>Area Sq. mtr./Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>600x600mm</td>
<td>10 mm</td>
<td>42.0 kgs.</td>
<td>05 pcs.</td>
<td>1.92 m²</td>
</tr>
<tr>
<td>1200x600mm</td>
<td>9.5 mm</td>
<td>31.5 kgs.</td>
<td>02 pcs.</td>
<td>1.64 m²</td>
</tr>
<tr>
<td>1200x1000mm</td>
<td>10.5 mm</td>
<td>33.0 kgs.</td>
<td>06 pcs.</td>
<td>1.64 m²</td>
</tr>
<tr>
<td>1200x1500mm</td>
<td>18.5 mm</td>
<td>35.5 kgs.</td>
<td>06 pcs.</td>
<td>1.67 m²</td>
</tr>
<tr>
<td>600x600mm</td>
<td>8.9 mm</td>
<td>29.0 kgs.</td>
<td>04 pcs.</td>
<td>1.44 m²</td>
</tr>
<tr>
<td>600x1000mm</td>
<td>9.5 mm</td>
<td>17.0 kgs.</td>
<td>05 pcs.</td>
<td>0.90 m²</td>
</tr>
</tbody>
</table>

### Technical Specification

**A) DIMENSION & SURFACE QUALITY**

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<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
<th>Requirement as per ISO 15622:2017 Gr Bia E ≤ 0.80%</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deviation in Length &amp; Width</td>
<td>± 0.5% ≤ 1.0 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 2</td>
</tr>
<tr>
<td>Deviation in Thickness</td>
<td>± 0.5% ≤ 0.5 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Straightness of Edge</td>
<td>± 0.5% ≤ 0.9 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>± 0.5% ≤ 1.0 mm</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>ISO 15622 Part 1</td>
</tr>
<tr>
<td>Surface Flatness (R a)</td>
<td>≤ 0.40 ± 0.1 mm</td>
<td>≤ 0.23</td>
<td>≤ 0.23</td>
<td>ISO 15622 Part 1</td>
</tr>
<tr>
<td>Surface Quality</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Min. 95% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>ISO 15622 Part 1</td>
</tr>
</tbody>
</table>

- Closeness: > 85

**B) PHYSICAL & THERMAL PROPERTIES**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
<th>Requirement as per ISO 15622:2017 Gr Bia E ≤ 0.80%</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption K by Wt.</td>
<td>≤ 0.5, Ind. 0.4 Max</td>
<td>≤ 0.94, Ind. 0.8 Max</td>
<td>≤ 0.05</td>
<td>ISO 15622 Part 3</td>
</tr>
<tr>
<td>Flexural Strength (WDR)</td>
<td>≤ 40 N/mm²</td>
<td>≤ 40 N/mm²</td>
<td>ISO 15622 Part 4</td>
<td></td>
</tr>
<tr>
<td>Breaking Strength in N</td>
<td>1200 N Min.</td>
<td>1200 N Min.</td>
<td>ISO 15622 Part 4</td>
<td></td>
</tr>
<tr>
<td>Bulk Density (gm/cc)</td>
<td>2.0 Min.</td>
<td>2.2 Min.</td>
<td>ISO 15622 Part 2</td>
<td></td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>&gt; 0.40</td>
<td>&gt; 0.55</td>
<td>&gt; 0.55</td>
<td>ISO 15622 Part 4</td>
</tr>
<tr>
<td>Resistance to Surface Abrasion</td>
<td>Manufacturer: State Class</td>
<td>PDI II Min.</td>
<td>PDI II Group: PDI V &amp; 6”X6” Matt.</td>
<td>ISO 15622 Part 7</td>
</tr>
<tr>
<td>Co-efficient of Linear Thermal Expansion from Ambient temp to 100°C (K)</td>
<td>≤ 0.10 Max.</td>
<td>≤ 0.10 Max.</td>
<td>≤ 0.10 Max.</td>
<td>ISO 15622 Part 6</td>
</tr>
<tr>
<td>Thermal Shock Resistance</td>
<td>10 Cycles Min.</td>
<td>10 Cycles Min.</td>
<td>No Damage</td>
<td>ISO 15622 Part 9</td>
</tr>
<tr>
<td>Moisture Expansion in mm/M</td>
<td>0.02 Max</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 10</td>
</tr>
<tr>
<td>Creasing Resistance</td>
<td>Required</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 12</td>
</tr>
<tr>
<td>Peel Resistance</td>
<td>Resistance</td>
<td>Resistance</td>
<td>Resistance</td>
<td>EN 101</td>
</tr>
<tr>
<td>Mof S. Scratch Hardness</td>
<td>Min. 5</td>
<td>Min. 5</td>
<td>Min. 5</td>
<td>EN 101</td>
</tr>
</tbody>
</table>

**C) CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10968:2006 Gr Bia E ≤ 0.85 %</th>
<th>Requirement as per ISO 15622:2017 Gr Bia E ≤ 0.80%</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance To House Hold Chemicals</td>
<td>No Damage</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 13</td>
</tr>
<tr>
<td>Resistance To Acids &amp; Alkalis (except HF)</td>
<td>No Damage</td>
<td>Resistance</td>
<td>Resistance</td>
<td>ISO 15622 Part 4</td>
</tr>
<tr>
<td>Stain Resistance</td>
<td>Min. Class 3</td>
<td>Class AA</td>
<td>Class AA</td>
<td>ISO 15622 Part 3</td>
</tr>
</tbody>
</table>

### Packing Specification

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Thickness (mm)</th>
<th>Weight (Kg.)</th>
<th>No. of Tiles / Set</th>
<th>Area Sq. mtr./Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200x600mm</td>
<td>6 mm (62.0 mm)</td>
<td>40 kgs.</td>
<td>04 pcs.</td>
<td>2.88 m²</td>
</tr>
</tbody>
</table>
## Technical Specification

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>Requirement as per ISO 10976:2016 or BS 646:1983</th>
<th>Requirement as per IS 15622:2017 or BS 8:1981</th>
<th>AGL Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A) DIMENSION &amp; SURFACE QUALITY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deformation in Length &amp; Width</td>
<td>≤ 0.3%</td>
<td>≤ 0.1%</td>
<td>≤ 0.1%</td>
<td>ISO 15629 Part 2, 15620 Part 1</td>
</tr>
<tr>
<td>Deformation in Thickness</td>
<td>≤ 0.5%</td>
<td>≤ 0.1%</td>
<td>≤ 0.1%</td>
<td>ISO 15629 Part 2, 15620 Part 1</td>
</tr>
<tr>
<td>Straightness of Edge</td>
<td>≤ 0.5%</td>
<td>≤ 0.1%</td>
<td>≤ 0.1%</td>
<td>ISO 15629 Part 1, 15620 Part 1</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>≤ 0.5%</td>
<td>≤ 0.1%</td>
<td>≤ 0.1%</td>
<td>ISO 15629 Part 2, 15620 Part 2</td>
</tr>
<tr>
<td>Surface Flattness</td>
<td>≤ 0.4%</td>
<td>≤ 0.1%</td>
<td>≤ 0.1%</td>
<td>ISO 15629 Part 1, 15620 Part 1</td>
</tr>
<tr>
<td>Surface Quality</td>
<td>Minimum 92% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Minimum 92% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>Minimum 92% of tiles shall be free from visible defects that would impair the appearance of a major area of the tiles</td>
<td>ISO 15620 Part 2, 15629 Part 1</td>
</tr>
</tbody>
</table>

| **B) PHYSICAL & THERMAL PROPERTIES** |
| Water Absorption % by Weight | ≤ 0.5% | ≤ 0.5% | ≤ 0.5% | ISO 15620 Part 5, 15629 Part 5, 15620 Part 6 |
| Flexural Strength (MDR) in N/mm² | ≥ 20.0 N/mm² | ≥ 20.0 N/mm² | ≥ 20.0 N/mm² | ISO 15629 Part 6, 15620 Part 6 |
| Breaking Strength in N | 1200 N Min. | 1200 N Min. | 1200 N Min. | ISO 15620 Part 2, 15629 Part 4 |
| Bulk Density (g/m³) | 2.0 Min. | 2.2 Min. | 2.0 Min. | ISO 15620 Part 2, 15620 Part 3 |
| Impact Resistance | ≤ 0.4 | ≤ 0.4 | ≤ 0.4 | ISO 15620 Part 3, 15629 Part 6 |
| Resistance to Surface Abrasion | 5000 MPa | 5000 MPa | 5000 MPa | ISO 15620 Part 2, 15629 Part 7 |
| Co-efficient of Linear Thermal Expansion | ≤ 8.0 x 10⁻⁶ | ≤ 8.0 x 10⁻⁶ | ≤ 8.0 x 10⁻⁶ | ISO 15620 Part 6, 15629 Part 14 |
| Thermal Shock Resistance | 10 Cycles Min. to 10 Cycles Max. | 10 Cycles Min. to 10 Cycles Max. | 10 Cycles Min. to 10 Cycles Max. | ISO 15620 Part 9, 15629 Part 9 |
| Moisture Expansion in mm/M | ≤ 0.2 Max. | ≤ 0.2 Max. | ≤ 0.2 Max. | ISO 15620 Part 10, 15629 Part 9 |
| Craze Resistance | Required | Required | Required | ISO 15620 Part 11, 15629 Part 9 |
| Frost Resistance | Resistance to 4 cycles of 72 bar Min. | Resistance to 4 cycles of 72 bar Min. | Resistance to 4 cycles of 72 bar Min. | ISO 15620 Part 12, 15629 Part 11 |
| **C) CHEMICAL PROPERTIES** |
| Resistance to House Hold Chemicals | No Damage | Class AA | Class AA | ISO 15624 Part 12, 15624 Part 13 |
| Resistance to Acids & Alkalis | No Damage | Class AA | Class AA | ISO 15624 Part 12, 15624 Part 13 |
| Stain Resistance | Minimum 3 Class | Minimum 3 Class | Minimum 3 Class | ISO 15624 Part 12, 15624 Part 13 |

| Packing Specification |
| Size (mm) | Thickness (mm) | Weight (Kg) | No. of Tiles / Set | Area Sq. mtr / Box |
| 800x800mm | 10 mm | 42.0 kgs. | 03 pcs. | 1.92 m² |
| 1200x600mm | 10 mm | 35.5 kgs. | 02 pcs. | 1.64 m² |
| 600x600mm | 10 mm | 24.5 kgs. | 02 pcs. | 0.72 m² |
| 600x600mm | 9.5 mm | 31.0 kgs. | 04 pcs. | 1.64 m² |

## Notes & Recommendation

### UNDERSTANDING ICONS

- **1 PASS**
- **2 PASS**
- **3 PASS**
- **4 PASS**
- **5 PASS**
- **6 PASS**
- **7 PASS**
- **8 PASS**
- **9 PASS**
- **10 PASS**

### APPLICATION

- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **
- **DIY **

### NOTES

- All Technical Specifications in this Catalogue are for Premium Grade Material only.
- SHAKE & SIZE VARIATION are inherent characteristics to ceramics. Certain product(s) purposely have variations which are part of design process. The same have been indicated.
- It is recommended to blend tiles by mixing tiles from various boxes & check for natural hue before fixing the tiles.
- It is recommended to check the tiles before laying/gilding. Quality standards over 10%Premium Quality only.
- Company’s liability is limited on material that has not been laid.
- NO COMPLAINT SHALL BE ENTERTAINED ON TILES ALREADY ECLUCIDATED.
- The liability is also limited to the material supplied by the company; no other claim is entertained under any circumstances.
- No complaint is entertained on decoration done on tiles, other than the ones done by Asian Granito India Ltd.
- GENERAL NOTE: Any complaint must be brought to the company’s notice within 10 days of purchase & before fixing of tiles.

### How to avoid defects & complaints:

- Use good quality Tiles.
- Choose good quality Tiles, with proper consideration to area intended of usage.
- Avoid careless laying of Tiles.
- Avoid poor maintenance for instance, by cleaning with strong Chemicals or with abrasive equipment e.g. metallic scrubber.
- Take extra care: keep area clean & ensure dusting/washing regularly.
- Put Shrink mats at all strategic locations to avoid loose debris/dust from entering the tiled area.

### List of Detergents For Removal of Stain

<table>
<thead>
<tr>
<th>Stain</th>
<th>Detergent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown</td>
<td>ISO 8112-14:1985</td>
</tr>
<tr>
<td>Blood</td>
<td>ISO 8112-14:1985</td>
</tr>
<tr>
<td>Grease</td>
<td>ISO 8112-8:1983</td>
</tr>
<tr>
<td>Oils</td>
<td>ISO 8112-4:1983</td>
</tr>
<tr>
<td>Grease, Mucus</td>
<td>ISO 8112-2:1983</td>
</tr>
</tbody>
</table>

**Commercial grade shall not be used**