The category of homogeneous products, 'Full Body', is widely appreciated by Architects and Interior Designers due to its versatile uses and applications. ‘SAGA Epocale’ is our most exciting series of homogeneous products yet.

The beauty of ‘SAGA Epocale’ is the result of innovative and exclusive technology, ‘Continua+’. This technology is first of its kind in India, which is equipped with the newest digital system called ‘Digital Dry Decoration (DDD)’. With this extraordinary technology, we have created six ‘SAGA’ designs using colored clay powder and clay flakes throughout the body without using any conventional liquid ink on the surface.

One warm and one cold collection consist of three sophisticated designs each. Colored and metallic flakes that are created with high precision enrich the aesthetics of the surface. For the convenience of choice, all six designs are available in two surface finishes, polished and matt.
SAGA-EPOCALE COLLECTION

**COLORS**
- SAGA WHITE
- SAGA NERO
- SAGA GREY
- SAGA COCOA
- SAGA BARLEY
- SAGA BIANCO

**SURFACES**
- Glossy Surface
- Matt Surface

**THICKNESS**
- 9mm
- 15mm

**SIZES**
- 30x60cm 12x24in
- 60x60cm 24x24in
- 60x120cm 24x48in
- 120x120cm 48x48in
- 120x240cm 48x96in
- 120x278cm 48x110in
- 120x300cm 48x120in

**FULL BODY**
- 60x120cm 24x48in
- 60x300cm 24x120in
- 80x300cm 32x120in
A sneak peek into our world class collection of Saga-Epocale tiles handcrafted for the clients who love uniqueness. Hues of cool colors that help you relaxed and refreshed. Dimensionally making smaller areas look largely spacious. Create the look worth cherishing. Let your dreams come true!
SAGA-EPOCALE COLLECTION

Wall
SAGA WHITE
Size: 120x240cm / 48x96in
Surface: Glossy

Floor
SAGA GREY
Size: 60x120cm / 24x48in
Surface: Glossy
SAGA - EPOCALE COLLECTION

Wall
SAGA WHITE
- Size: 120x240cm / 48x96in
- Surface: Glossy

Floor 1
SAGA WHITE
- Size: 120x120cm / 48x48in
- Surface: Glossy

Floor 2
SAGA GREY
- Size: 60x120cm / 24x48in
- Surface: Glossy
SAGA-EPOCALE COLLECTION

Wall
SAGA GREY
- Size: 120x240cm / 48x96in
- Surface: Matt

Floor
SAGA NERO
- Size: 120x120cm / 48x48in
- Surface: Matt
<table>
<thead>
<tr>
<th>Thickness</th>
<th>Surface</th>
<th>Glossy / Matt</th>
</tr>
</thead>
<tbody>
<tr>
<td>9mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SAGA WHITE

80x300cm / 32x120in
15mm

120x278cm / 48x110in
9mm

120x40cm / 48x16in
9mm

120x120cm / 48x48in
9mm

60x120cm / 24x48in
9mm

60x60cm / 24x24in
9mm

30x60cm / 12x24in
9mm

SAGA GREY

80x300cm / 32x120in
15mm

120x278cm / 48x110in
9mm

120x40cm / 48x16in
9mm

120x120cm / 48x48in
9mm

60x120cm / 24x48in
9mm

60x60cm / 24x24in
9mm

30x60cm / 12x24in
9mm

SAGA NERO

80x300cm / 32x120in
15mm

120x278cm / 48x110in
9mm

120x40cm / 48x16in
9mm

120x120cm / 48x48in
9mm

60x120cm / 24x48in
9mm

60x60cm / 24x24in
9mm

30x60cm / 12x24in
9mm

SAGA-EPOCALE COLLECTION
Decorate your spaces with natural looking designs and fine textures. Connect to a warmer color palette; generating vibes and ambience for a playful and cozy environment. Establishing living zones with an actively joyous feel. And visually putting together a life space that spells beauty. Come home to happiness.
SAGA-EPOCALE COLLECTION

**Wall**
- SAGA BIANCO
- Size: 30x60cm / 12x24in
- Surface: Matt + Glossy

**Floor**
- SAGA BIANCO
- Size: 120x120cm / 48x48in
- Surface: Matt
**Wall 1**
SAGA BIANCO
_Size: 120x240cm / 48x96in_  
_Surface: Glossy

**Wall 2**
SAGA BIANCO
_Size: 30x60cm / 12x24in_  
_Surface: Matt + Glossy

**Floor**
SAGA BIANCO
_Size: 120x120cm / 48x48in_  
_Surface: Matt
**SAGA - EPOCALE COLLECTION**

**Wall**

SAGA BARLEY
- Size: 30x60cm / 12x24in
- Size: 60x120cm / 24x48in
- Surface: Matt + Glossy

**Floor**

SAGA BARLEY
- Size: 120x120cm / 48x48in
- Surface: Matt
SAGA-EPOCALE COLLECTION

Wall 1
SAGA COCOA
- Size: 120x240cm / 48x96in
- Surface: Matt

Wall 2
SAGA BIANCO
- Size: 60x120cm / 24x48in
- Surface: Matt + Glossy

Floor
SAGA COCOA
- Size: 120x120cm / 48x48in
- Surface: Glossy
SAGA COCOA
- Size: 80x300cm / 32x120in
- Surface: Glossy

Floor
SAGA BARLEY
- Size: 120x120cm / 48x48in
- Surface: Matt
SAGA BIANCO

- 80x300cm / 32x120in
- 120x278cm / 48x110in
- 120x40cm / 48x16in
- 125x120cm / 49x48in
- 60x120cm / 24x48in
- 60x60cm / 24x24in
- 30x60cm / 12x24in

Thickness: 9mm  Surface: Glossy / Matt

SAGA BARLEY

- 80x300cm / 32x120in
- 120x278cm / 48x110in
- 120x40cm / 48x16in
- 120x120cm / 48x48in
- 60x120cm / 24x48in
- 60x60cm / 24x24in
- 30x60cm / 12x24in

Thickness: 9mm  Surface: Glossy / Matt

SAGA COCOA

- 80x300cm / 32x120in
- 120x278cm / 48x110in
- 120x40cm / 48x16in
- 120x120cm / 48x48in
- 60x120cm / 24x48in
- 60x60cm / 24x24in
- 30x60cm / 12x24in

Thickness: 9mm  Surface: Glossy / Matt
Cleaning & Maintenance

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and following the table below.

<table>
<thead>
<tr>
<th>TYPE OF STAIN</th>
<th>CHEMICAL PRODUCT</th>
<th>EXAMPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grease</td>
<td>Alkaline - Solvent</td>
<td>Detergent</td>
</tr>
<tr>
<td>Oil</td>
<td>Solvent</td>
<td>Ammonia, Backing Soda</td>
</tr>
<tr>
<td>Ink</td>
<td>Oxidant - Solvent</td>
<td>Alcohol, Liquid Bleach, Nail Paint Remover</td>
</tr>
<tr>
<td>Rust</td>
<td>Acid</td>
<td>Hydrochloric Acid, Vinegar, Red Harpic</td>
</tr>
<tr>
<td>Lime</td>
<td>Acid</td>
<td>Descaling Reagent, Hydro Chloric Acid</td>
</tr>
<tr>
<td>Cement</td>
<td>Acid</td>
<td>Hydro Chloric Acid</td>
</tr>
<tr>
<td>Wine</td>
<td>Alkaline</td>
<td>Ammonia, Liquid Bleach</td>
</tr>
<tr>
<td>Coffee</td>
<td>Alkaline - Solvent</td>
<td>Ammonia, Liquid Bleach</td>
</tr>
<tr>
<td>Rubber</td>
<td>Solvent</td>
<td>Alcohol, Thinner</td>
</tr>
<tr>
<td>Plaster</td>
<td>Acid</td>
<td>Hydro Chloric Acid</td>
</tr>
<tr>
<td>Candle Wax</td>
<td>Solvent</td>
<td>Alcohol, Thinner</td>
</tr>
<tr>
<td>Blood</td>
<td>Oxidant</td>
<td>Liquid Bleach</td>
</tr>
<tr>
<td>Ice Cream</td>
<td>Alkaline</td>
<td>Liquid Bleach</td>
</tr>
</tbody>
</table>

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

Technical Specification

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>STANDARD AS PER ISO 006-2016 (EN 14411)</th>
<th>STANDARD AS PER IJS 13630-2017</th>
<th>MEAN VALUE OF SIMPOLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deviation in length and width</td>
<td>± 0.30 % (±1.00mm)</td>
<td>± 0.10 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Deviation in thickness</td>
<td>± 0.50 % (±2.00mm)</td>
<td>± 0.30 %</td>
<td>± 0.30 %</td>
</tr>
<tr>
<td>Straightness in size</td>
<td>± 0.30 % (±1.00mm)</td>
<td>± 0.10 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Rectangularity</td>
<td>± 0.30 % (±1.00mm)</td>
<td>± 0.10 %</td>
<td>± 0.10 %</td>
</tr>
<tr>
<td>Surface flatness central curvature</td>
<td>± 0.40 % (±1.00mm)</td>
<td>± 0.50 %</td>
<td>± 0.50 %</td>
</tr>
<tr>
<td>Surface flatness edge curvature</td>
<td>± 0.40 % (±1.00mm)</td>
<td>± 0.50 %</td>
<td>± 0.50 %</td>
</tr>
<tr>
<td>Surface flatness wavepage</td>
<td>± 0.40 % (±1.00mm)</td>
<td>± 0.50 %</td>
<td>± 0.50 %</td>
</tr>
<tr>
<td>Surface quality</td>
<td>&gt; 95% defects free</td>
<td>&gt; 95% defects free</td>
<td>&gt; 95% defects free</td>
</tr>
<tr>
<td>Small color difference (for plain color)</td>
<td>ΔE &lt; 0.75</td>
<td>N.A.</td>
<td>90°</td>
</tr>
<tr>
<td>Glossiness (with nano polished)</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>3° &lt; G1035 &lt; 7°</td>
</tr>
<tr>
<td>Glossiness (without polished)</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>7° &lt; G1035 &lt; 18°</td>
</tr>
<tr>
<td>Structural Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water absorption</td>
<td>≤ 0.50 %</td>
<td>≤ 0.80 %</td>
<td>≤ 0.60 %</td>
</tr>
<tr>
<td>Bulk density</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Massile Mechanical Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modulus of rupture</td>
<td>Min. 35.0 N/mm²</td>
<td>Min. 35.0 N/mm²</td>
<td>Min. 40.0 N/mm²</td>
</tr>
<tr>
<td>Breaking strength thickness - 7.5</td>
<td>Min. 700.0 N</td>
<td>Min. 700.0 N</td>
<td>Min. 1000.0 N</td>
</tr>
<tr>
<td>Breaking strength thickness - 27.5</td>
<td>Min. 1300.0 N</td>
<td>Min. 1300.0 N</td>
<td>Min. 1800.0 N</td>
</tr>
<tr>
<td>Breaking strength thickness - 37.5(1mm)</td>
<td>Min. 1300.0 N</td>
<td>Min. 1300.0 N</td>
<td>Min. 3000.0 N</td>
</tr>
<tr>
<td>Surface Mechnical Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOHS hardness</td>
<td>as per mg.</td>
<td>Min. 5</td>
<td>Glossy - Min. 4 / Matt - Min. 6</td>
</tr>
<tr>
<td>Deep abrasion resistance</td>
<td>Max. 179mm²</td>
<td>Max. 140mm²</td>
<td>Max. 132mm²</td>
</tr>
<tr>
<td>Thermal Hydrometric Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture expansion(COR) at 100°C</td>
<td>as per mg.</td>
<td>Min. 0.02 %</td>
<td>Max. 0.02 %</td>
</tr>
<tr>
<td>Thermal shock resistance (COR)</td>
<td>as per mg.</td>
<td>Max. 4.0 x 10⁻⁶</td>
<td>Max. 4.0 x 10⁻⁶</td>
</tr>
<tr>
<td>Impact resistance(COR)</td>
<td>Min. 10 Cycle</td>
<td>Min. 10 Cycle</td>
<td>Min. 10 Cycle</td>
</tr>
<tr>
<td>Frost resistance</td>
<td>Min. 0.55</td>
<td>Min. 0.55</td>
<td>Min. 0.55</td>
</tr>
<tr>
<td>Chemical Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resistance to staining glazed</td>
<td>Min. Class 3</td>
<td>Min. Class 2</td>
<td>Min. Class 4/min. Class 2</td>
</tr>
<tr>
<td>Resistance to household chemicals &amp; swimming pool salts glazed</td>
<td>Min. Class U8</td>
<td>Min. Class U8/Min. Class A</td>
<td>Min. Class U8/Min. Class A**</td>
</tr>
<tr>
<td>**Resistance to low concentante acid and alkalu glazed</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>Min. Class U8/Min. Class A***</td>
</tr>
<tr>
<td>**Resistance to high concentante acid and alkalu glazed</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>Min. Class U8/Min. Class A***</td>
</tr>
<tr>
<td>Safety Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skid resistance(DC-OF-DP) #1</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>Polished - &lt; 0.30 / Matt - &gt; 0.40</td>
</tr>
<tr>
<td>Slip resistance(DC-OF) #5 value</td>
<td>as per mg.</td>
<td>as per mg.</td>
<td>R9 to R13</td>
</tr>
<tr>
<td>Frz resistance</td>
<td>as per mg.</td>
<td>N.A.</td>
<td>Low</td>
</tr>
</tbody>
</table>

Notes: * Glossiness 95% with nano technology  
** Except Hydrofluoric Acid & its compound  
# Single glazed tiles intended for use on floor  
## As per customer requirement

Packing Details

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>SIZE</th>
<th>ACTUAL SIZE</th>
<th>SIZE IN INCH</th>
<th>THICKNESS</th>
<th>TILES / BOX</th>
<th>COVERAGE AREA / BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAGA-EPOCALE</td>
<td>80x300cm</td>
<td>800x300mm</td>
<td>32x12in</td>
<td>15mm</td>
<td>1pc</td>
<td>25.83 Sq ft</td>
</tr>
<tr>
<td></td>
<td>120x278cm</td>
<td>1200x278mm</td>
<td>48x11in</td>
<td>9mm</td>
<td>1pc</td>
<td>35.91 Sq ft</td>
</tr>
<tr>
<td></td>
<td>120x240cm</td>
<td>1200x240mm</td>
<td>48x9in</td>
<td>9mm</td>
<td>1pc</td>
<td>31.00 Sq ft</td>
</tr>
<tr>
<td></td>
<td>120x120cm</td>
<td>1200x120mm</td>
<td>48x48in</td>
<td>9mm</td>
<td>2pc</td>
<td>31.00 Sq ft</td>
</tr>
<tr>
<td></td>
<td>60x120cm</td>
<td>598x119mm</td>
<td>24x48in</td>
<td>9mm</td>
<td>2pc</td>
<td>15.38 Sq ft</td>
</tr>
<tr>
<td></td>
<td>60x60cm</td>
<td>598x598mm</td>
<td>24x24in</td>
<td>9mm</td>
<td>4pc</td>
<td>15.38 Sq ft</td>
</tr>
<tr>
<td></td>
<td>30x60cm</td>
<td>298x598mm</td>
<td>12x24in</td>
<td>9mm</td>
<td>6pcs</td>
<td>11.50 Sq ft</td>
</tr>
</tbody>
</table>
Simpolo Vitrified Private Limited
Old Ghuntu Road, MORBI - 363 642, Gujarat, INDIA
Tel.: +91 2822 241622, Customer Care: +91 75748 62982 / 83
E-mail: customercare@simpolo.net

MUMBAI
Simpolo Gallery, Unit No.: 203, 2nd Floor, Morya Land Mark 2,
Link Road, Andheri (W), Mumbai - 400 053.
Tel.: +91 22 40167131, E-mail: mumbai@simpolo.net

AHMEDABAD
First Floor, 103, Sumel - 2, Near Gurudwara, S. G. Highway,
Bodakdev, Ahmedabad - 380 054.
Tel.: +91 79 400 37222, +91 79 400 52220, E-mail: ahmedabad@simpolo.net

DELHI
H-139, First Floor, Sector-63, Noida - 201 301, Uttar Pradesh.
Tel.: +91 93103 90046, E-mail: delhi@simpolo.net

COCHIN
33/2380 A-A1 NH Bypass, Vysali Bus Stop, Chakkarakarambu, Cochin - 682 032.
Mob.: +91 93493 39938, Fax: +91 4844 037118, E-mail: cochin@simpolo.net

KOLKATA
Ground Floor, DB - 52, Salt Lake City, Sector 1, Kolkata - 700 064, (W.B.)
Mob.: +91 90733 53728, E-mail: kolkata@simpolo.net

www.simpolo.net | Toll Free No.: 1800-233-2223