All the data collected in this document are based on tests carried out in independent external laboratories.

Manufacturer's name and place of production:
Company: Cosentino S.A.U.
Address: A-334 road, km 59, postal code 04850 Cantoria (Almeria) - Spain
DEKTON® TECHNICAL DATA SHEET

According to ASTM Standards (American Society for Testing and Materials)

Family I: (Aldem, Ananke, Borea, Bromo, Domoos, Eter, Fossil, Galema, Kadum, Kelya, Keon, Keranium, Kira, Korus, Kovik, Kreta, Laos, Laurent, Liquid Embers, Milar, Odin, Orix, Sirocco, Soke, Strato, Valterra, Vegha, Ventus, Vera)

Family II: (Ariane, Aura, Aura15, Bedrock, Entzo, Karios, Liquid Shell, Liquid Sky, Lunar, Nayla, Nilium, Opera, Portum, Rem, Sand Drift, Uyuni, Vapour, Zenith)

Family III: (Aeris, Aged Timber, Bento, Blanc Concrete, Danae, Dove, Edora, Gada, Irok, Makai, Popular Dark, Popular Warm, Sarey, Saxe, Sterling)

Family IV: (Radium, Trillium)

<table>
<thead>
<tr>
<th>Standard test</th>
<th>Determination</th>
<th>Unit</th>
<th>Family I</th>
<th>Family II</th>
<th>Family III</th>
<th>Family IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture expansion</td>
<td>Average moisture expansion</td>
<td>%</td>
<td>0.02</td>
<td>0.005</td>
<td>0.004</td>
<td>0.02</td>
</tr>
<tr>
<td>Breaking strength</td>
<td>Average breaking strength</td>
<td>lb/ft</td>
<td>3963</td>
<td>4896</td>
<td>3932</td>
<td>1194</td>
</tr>
<tr>
<td>Flexural properties</td>
<td>Average modulus of rupture</td>
<td>psi</td>
<td>8990</td>
<td>8836</td>
<td>9005</td>
<td>8023</td>
</tr>
<tr>
<td>Water absorption, apparent porosity</td>
<td>Average water absorption</td>
<td>%</td>
<td>0.03</td>
<td>0.05</td>
<td>0.01</td>
<td>0.00</td>
</tr>
<tr>
<td>Static coefficient of friction (skid resistance)</td>
<td>Static coefficient of friction dry</td>
<td></td>
<td>0.80</td>
<td>0.77</td>
<td>0.77</td>
<td>0.76</td>
</tr>
<tr>
<td>Wet dynamic coefficient of friction (DCOF)</td>
<td>Average DCOF</td>
<td></td>
<td>≥ 0.42</td>
<td>≥ 0.42</td>
<td>≥ 0.42</td>
<td>≥ 0.42</td>
</tr>
<tr>
<td>Relative resistance to wear (Taber abrasion)</td>
<td>Average Abrasive Wear Index</td>
<td></td>
<td>182.2</td>
<td>337</td>
<td>240</td>
<td>239</td>
</tr>
<tr>
<td>Bond strength</td>
<td>Average bond strength</td>
<td>psi</td>
<td>423</td>
<td>437</td>
<td>357</td>
<td>454</td>
</tr>
</tbody>
</table>

**Resistance to chemical substances**

<table>
<thead>
<tr>
<th>ASTM C650</th>
<th>Determination</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic acid, 3% (v/v)</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Acetic acid, 10% (v/v)</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Ammonium chloride, 100 g/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Citric acid solution, 30 g/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Citric acid solution, 100 g/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Lactic acid, 3% (v/v)</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Phosphoric acid, 3% (v/v)</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Sodium hypochlorite solution, 20 mg/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Acids and bases</td>
<td>Hydrochloric acid solution, 3% (v/v)</td>
<td>- Not affected</td>
</tr>
<tr>
<td>Hydrochloric acid solution, 18% (v/v)</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Potassium hydroxide, 30 g/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Potassium hydroxide, 100 g/L</td>
<td>- Not affected</td>
<td>Not affected</td>
</tr>
<tr>
<td>Absorption and bulk gravity</td>
<td>Average weight percent absorption</td>
<td>%</td>
</tr>
<tr>
<td>Average density</td>
<td></td>
<td>lb/ft</td>
</tr>
<tr>
<td>Module of rupture</td>
<td>Average module of rupture dry conditions</td>
<td>psi</td>
</tr>
<tr>
<td>Average module of rupture wet conditions</td>
<td></td>
<td>psi</td>
</tr>
<tr>
<td>Compressive strength</td>
<td>Average flexural strength dry conditions</td>
<td>psi</td>
</tr>
<tr>
<td>Average flexural strength wet conditions</td>
<td></td>
<td>psi</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>Average index of abrasion</td>
<td>-</td>
</tr>
</tbody>
</table>

**Dekton Grip® colors:** Keon, Kreta, Orix, Soke, Vera, Aura 15 (*), Danae (*), Kira (*), Laos (*), Lunar (*), Nayla (*), Nilium (*), Makai (*), Sirocco (*), Strato (*), Trillium (*)

(*) Confirm application for these colors.
**DEKTON® XGLOSS TECHNICAL DATA SHEET**

According to ASTM Standards (American Society for Testing and Materials)

**Family I:** (Blaze, Korso, Lumina, Manhattan, Sogne, Spectra, Splendor)

**Family II:** (Bergen, Fiord, Glacier, Halo, Helena, Natura, Natura18, Tundra, Tundra 19, Olimpo, Vienna)

**Family III:** (Arga, Khalo, Qatar, Taga)

<table>
<thead>
<tr>
<th>Standard test</th>
<th>Determination</th>
<th>Unit</th>
<th>Family I</th>
<th>Family II</th>
<th>Family III</th>
</tr>
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<tbody>
<tr>
<td>Moisture expansion</td>
<td>Average moisture expansion</td>
<td>%</td>
<td>0.02</td>
<td>0.005</td>
<td>0.004</td>
</tr>
<tr>
<td>Breaking strength</td>
<td>Average breaking strength</td>
<td>lbf</td>
<td>3963</td>
<td>4896</td>
<td>3932</td>
</tr>
<tr>
<td>Flexural properties</td>
<td>Average modulus of rupture</td>
<td>psi</td>
<td>8990</td>
<td>8836</td>
<td>9005</td>
</tr>
<tr>
<td>Water absorption, apparent porosity</td>
<td>Average water absorption</td>
<td>%</td>
<td>0.03 (Impervious)</td>
<td>0.05 (Impervious)</td>
<td>0.01 (Impervious)</td>
</tr>
<tr>
<td>Static coefficient of friction (skid resistance)</td>
<td>Static coefficient of friction dry</td>
<td>-</td>
<td>0.96</td>
<td>0.96</td>
<td>0.96</td>
</tr>
<tr>
<td>Static coefficient of friction wet</td>
<td>-</td>
<td>0.56</td>
<td>0.56</td>
<td>0.56</td>
<td></td>
</tr>
<tr>
<td>Wet dynamic coefficient of friction (DCOF)</td>
<td>Average DCOF</td>
<td>-</td>
<td>≤ 0.21</td>
<td>≤ 0.21</td>
<td>≤ 0.21</td>
</tr>
<tr>
<td>Relative resistance to wear (Taber abrasion)</td>
<td>Average Abrasive Wear Index</td>
<td>-</td>
<td>182.2</td>
<td>337</td>
<td>240</td>
</tr>
<tr>
<td>Thermal shock resistance</td>
<td>Defects</td>
<td>-</td>
<td>No defects</td>
<td>No defects</td>
<td>No defects</td>
</tr>
<tr>
<td>Bond strength</td>
<td>Average bond strength</td>
<td>psi</td>
<td>423</td>
<td>437</td>
<td>357</td>
</tr>
</tbody>
</table>

**Resistance to chemical substances**

ASTM C650

- **Acetic acid, 3% (v/v)**
  - Not affected
- **Acetic acid, 10% (v/v)**
  - Not affected
- **Ammonium chloride, 100 g/L**
  - Not affected
- **Citrinic acid solution, 30 g/L**
  - Not affected
- **Citrinic acid solution, 100 g/L**
  - Not affected
- **Lactic acid, 5% (v/v)**
  - Not affected
- **Phosphoric acid, 3% (v/v)**
  - Not affected
- **Phosphoric acid, 10% (v/v)**
  - Not affected
- **Sulfamic acid, 30 g/L**
  - Not affected
- **Sulfamic acid, 100 g/L**
  - Not affected

Swimming pool chemicals

- **Sodium hypochlorite solution, 20 mg/L**
  - Not affected

Acids and bases

- **Hydrochloric acid solution, 3% (v/v)**
  - Not affected
- **Hydrochloric acid solution, 18% (v/v)**
  - Not affected
- **Potassium hydroxide, 30 g/L**
  - Not affected
- **Potassium hydroxide, 100 g/L**
  - Not affected

Absorption and bulk gravity

ASTM C97

- **Average weight percent absorption**
  - %
  - 0.02
  - 0.04
  - 0.02

- **Average density**
  - lb/ft³
  - 156
  - 160.63
  - 157.6

- **Modulus of rupture**
  - Average modulus of rupture dry conditions
  - psi
  - 8128
  - 9042
  - 7369

  - Average modulus of rupture wet conditions
  - psi
  - 7490
  - 8446
  - 7480

- **Flexural strength**
  - Average flexural strength dry conditions
  - psi
  - 6840
  - 3118
  - 5858

  - Average flexural strength wet conditions
  - psi
  - 6205
  - 4187
  - 5119

- **Compressive strength**
  - Average compressive strength dry conditions
  - psi
  - 34409
  - > 55000
  - 44882

  - Average compressive strength wet conditions
  - psi
  - 17823
  - > 55000
  - 40165

- **Abrassion resistance**
  - Average index of abrasion
  - -
  - 349
  - 349.48
  - 265.8