SPRAY-DECK SYSTEM
DECORATIVE CEMENTITIOUS COATING SYSTEM

DESCRIPTION

SPRAY DECK SYSTEM is a three-component overlay system that produces a texture on vertical or horizontal surfaces. When used together, SPRAY-DECK GROUT, SPRAY-DECK RESIN and CONCRETE STAIN SEALER will cover and decorate unsightly cementitious surfaces and provide a rich-looking, durable overlay.

FEATURES

- Non-slip, beautifully-textured surface
- May be integrally colored or sealed with CONCRETE STAIN SEALER
- For horizontal or vertical surfaces
- Durable surface that is easy to clean

PRIMARY APPLICATIONS

- Pool decks
- Shopping centers
- Walkways
- Residential and commercial entrances
- Patio decks
- Plazas
- Showroom floors
- Vertical applications

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Tensile Strength, ASTM C 190</th>
<th>psi</th>
<th>MPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 day</td>
<td>230</td>
<td>1.6</td>
</tr>
<tr>
<td>3 days</td>
<td>470</td>
<td>3.2</td>
</tr>
<tr>
<td>7 days</td>
<td>890</td>
<td>6.1</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Compressive Strength, ASTM C 109</th>
<th>psi</th>
<th>MPa</th>
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</thead>
<tbody>
<tr>
<td>1 day</td>
<td>3,900</td>
<td>26.8</td>
</tr>
<tr>
<td>3 days</td>
<td>6,100</td>
<td>42.0</td>
</tr>
<tr>
<td>7 days</td>
<td>7,010</td>
<td>48.3</td>
</tr>
<tr>
<td>28 days</td>
<td>7,880</td>
<td>54.3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermal Expansion &amp; Contraction, ASTM C 531</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Result: 0.10% shrinkage, 9.09 x 10^-6 in² °F</td>
</tr>
<tr>
<td>Weight: 1 lb/ft², thickness: 0.125 in.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Thermal Conductivity, ASTM C 518-76</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen thickness 6.0 mm, 96.8 lb/ft, 75 °F</td>
</tr>
<tr>
<td>Thermal Conductivity 0.290 W/h.K, 2.01 BTU in 1hr/ft² °F</td>
</tr>
</tbody>
</table>

PACKAGING

SPRAY DECK GROUT: 50 lb (22.7 kg) bag
SPRAY DECK RESIN: 1 gal (3.8 L) or 5 gal (18.9 L) units
CONCRETE STAIN SEALERS: 1 gal (3.8 L) or 5 gal (18.9 L) units
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**Precautions/Limitations**

- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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**Directions for Use**

For complete detailed instructions, consult SPRAY-DECK/TEXTURE-CRETE installation instructions. Protect surrounding areas and surfaces from overspray.

**APPLICATION PROCESS**

**Surface Preparation:** Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 4-6 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

**Mixing:** Prepare the mixing liquid by diluting SPRAY-DECK RESIN 1:1 with cold water. Add 4 to 6 (3.8 to 5.4 L) of the mixing liquid to a clean 5 gal (18.9 L) plastic pail. Slowly mix resin/water mixture with a paddle mixer on a 1/2 in (1.2 cm) drill and slowly add one 50 lb (22.7 kg) bag of SPRAY-DECK GROUT. Mix for a minimum of 3 minutes.

**Application:** The grout can then be troweled, squeegeed, or sprayed on the surface at a thickness not to exceed 1/4 in (6.35 mm).

**Seal:** After at least 24 hours drying time, the surface must be scraped, broomed, and blown with a high-velocity blower and then sealed with CLEAR SEAL or CONCRETE STAIN SEALER. SHUR-GRIP may be added to the final coat for additional slip resistance.

**MAINTENANCE**

Sweep surface as necessary. Wash surface with a mild soap/detergent and rinse with water. Use GREASE-A-WAY as needed.

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**Coverage**

When mixed, one bag of SPRAY-DECK GROUT will cover 150 ft² (13.0 m²) for a skim coat, 75 ft² (6.96 m²) for a texture coat. The average coverage can vary greatly depending upon the application process and the porosity of the surface. A test area is recommended to determine the coverage rate and project requirements.

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**Shelf Life**

- SPRAY DECK GROUT: 2 Years in original unopened bag
- SPRAY DECK RESIN: 2 Years in original unopened containers
- CONCRETE STAIN SEALERS: In original, unopened containers: Water-based 2 years, solvent-based 3 years.