Coraflex

Flexible, Textured Finish for Walls and Decks

Commercial Product Data Sheet

Description
Coraflex is a resin bonded, decorative, flexible textured finish which provides waterproof protection to the exterior of a building.

Uses
- As an exterior wall system for application over concrete, stucco, masonry, plywood, gypsum sheathing and other approved building materials. Provides a highly decorative, colorfast textured finish.
- To repair existing EIFS surfaces
- An attractive finish for patios, decks, pool decks and plaza decks when used in conjunction with Sealoflex Wearcoat.

Advantages
- Highly flexible and waterproof
- Available in various grades/textures: fine, medium or coarse
- Low maintenance
- Provides excellent thermal protection
- Outstanding dirt pick up resistance
- Provides decorative appearance
- Solves EIFS failures
- Fully adheres directly to most substrates
- Does not require painting
- Can be applied as a durable faux tile finish

Colors
Available in a variety of colors
Refer to the Color Selection Guide

Coverage
Wall Application
80-100 sq.ft./5 gal. pail (approximately)
Deck Application
150-180 sq.ft./5 gal. pail (approximately)

Surface Preparation
Existing Stucco or EIFS Surfaces
The substrate must be sound, dry and free of oil, dirt, grease, fats or chemicals. Where active cracks occur, it is necessary to first repair the crack as follows:
Apply a generous coat of Sealoflex Pink through a piece of 4” wide Sealoflex Jointing Fabric to fully adhere and saturate the fabric symmetrically over the crack. Allow to dry. Do not fill the crack with any caulk or grout before commencing with the above treatment, thereby allowing free movement of the substrate under the repair.

New and Existing Wood or Composite Sheathing
All joints between sheathing, use Sealoflex Buttergrade to fill all fastener holes, indentions and imperfections on sheathing to create a smooth even surface. Apply a generous coat of Sealoflex Pink through Sealoflex Jointing Fabric to fully adhere and saturate the fabric symmetrically over joints between individual sheathing panels. Wrap all window and door openings continuing from 2” on the exterior wall surface through the opening to terminate flush with the interior wall surface. Coat entire exterior surface with Sealoflex Pink wrapcoat at 100 sq. ft./gal. Windows, doors, appliqués, trim, etc. must be installed at this time and properly waterproofed using Sealoflex Jointing Fabric.

New and Existing Masonry Surfaces
On substrates such as concrete block or brick where joint lines need to be hidden or on deteriorated surfaces where re-profiling is necessary, Corabase is applied by trowel to the surface at between 1/16” and 1/8”, depending upon the severity of the imperfections being masked. Refer to the Corabase sheet for specific information about application and technical data.

Wood and Concrete Decks
Coraflex can be applied as a decorative finish over wood or concrete deck surfaces. It is required to use the full Sealoflex Waterproofing System prior to the application of Coraflex. It is also required that the Coraflex is over coated with clear Wearcoat. Refer to the Sealoflex deck application guides.

Application Instructions
Apply Coraflex directly to the prepared surface using a clean stainless steel trowel with rounded corners. Thickness is determined by aggregate size. Using the same trowel, continue to float the Coraflex to an even “sand” texture and allow to cure.
Or
Apply Coraflex by hopper gun or stucco spray equipment to fully cover the substrate. Allow to dry, then apply second coat.

Precautions
Coraflex must be applied without breaks between architectural features to avoid cold joints. Do not apply Coraflex if rain is imminent, or in freezing temperatures. Do not trowel Coraflex onto surfaces in full sunshine. Pressure treated plywood must be dry before applying Sealoflex products.
Important Notes

- To determine if a primer is needed, and/or which primer is best for the application, please refer to the Pull Test Procedure on the back of the Sealoflex Primer Chart.
- Thoroughly stir the product before use. When using a mechanical mixer, do not over agitate. Over agitating will add air into the product, creating bubbles.
- Slight color variations between batch numbers can occur. Blend materials to ensure color consistency.
- After mixing, allow product to sit 5-10 minutes to allow trapped air to evacuate container to protect against product pinholes when applied.

Physical and Mechanical Properties

<table>
<thead>
<tr>
<th>Property (as Manufactured)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shelf Life and Storage Conditions</td>
<td>12 months if stored between +40°F &amp; 90°F. Do Not allow To Freeze.</td>
</tr>
<tr>
<td>Density</td>
<td>13.0 lb./gal.</td>
</tr>
<tr>
<td>Dry Time</td>
<td>2 hours at 77°F, 50% RH</td>
</tr>
<tr>
<td>Full Cure</td>
<td>7 days</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>+45°F to 105°F (Ambient)</td>
</tr>
<tr>
<td></td>
<td>+40°F to 130°F (Surface)</td>
</tr>
<tr>
<td>Elongation (ASTM D412)</td>
<td>300% at full cure at 77°F / 85% after 1500 hours</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>220 psi at 77°F</td>
</tr>
<tr>
<td>Low Temperature Flexibility</td>
<td>Passes 1/8” mandrel bend @ 15 mils thickness</td>
</tr>
<tr>
<td>Water Vapor Transmission Rate (ASTM E96)</td>
<td>2.02 perms</td>
</tr>
<tr>
<td>Mildew Resistance (ASTM 32784)</td>
<td>No growth</td>
</tr>
<tr>
<td>Tensile Bond Strength (ASTM C297 per ICC-ES AC24)</td>
<td>Plywood: 78.8 psi</td>
</tr>
<tr>
<td></td>
<td>CMU Block: 121.9 psi</td>
</tr>
<tr>
<td>Freeze Thaw (per ICC-ES AC24)</td>
<td>No effects</td>
</tr>
<tr>
<td>Water Resistance (ASTM D2247 per ICC-ES AC24)</td>
<td>No effects</td>
</tr>
<tr>
<td>Accelerated Weathering (ASTM G154) 2000 Hours</td>
<td>No effects</td>
</tr>
<tr>
<td>Crack-Cycling and Water Resistance (ICC-ES AC209)</td>
<td>No cracking at joint, No water penetration, No delamination</td>
</tr>
<tr>
<td>Salt Spray (ASTM B117)</td>
<td>No effects noted</td>
</tr>
<tr>
<td>Packaging</td>
<td>5 gallon pails</td>
</tr>
</tbody>
</table>

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