AkroSil Finishes

**100% Acrylic, Silicone Enhanced, Interior/Exterior Finishes**

**Product Description**

**AkroSil Finishes** are 100% acrylic-based, silicone enhanced finishes using the latest Dirt Pick-up Resistance (OPR) technology. AkroSil Finishes provide greater water repellency and superior resistance to dirt and pollution than standard acrylic finishes. By creating a flexible, durable, integrally colored finish, AkroSil will enhance the appearance of any plastered structure. AkroSil versions of all AkroFlex Finishes are available, which can produce a variety of textures depending on the finish and application method. Minimum quantities and longer lead times apply when ordering AkroSil.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>100% Acrylic</td>
<td>Excellent adhesion and UV resistance</td>
</tr>
<tr>
<td>Integral Color</td>
<td>Lasting, uniform color that resists fading or discoloration; UV resistant</td>
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<tr>
<td>Crack Resistant</td>
<td>Acrylic polymers allow elongation without cracking</td>
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<tr>
<td>Highly Moisture Resistant</td>
<td>Helps resist water intrusion into the wall cavity</td>
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<tr>
<td>Highly Dirt Resistant</td>
<td>Resists dirt accumulation and may be rinsed clean with water</td>
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<tr>
<td>Vapor Permeable</td>
<td>Allows wall to naturally breath which aids drying and helps to prevent mold or blistering</td>
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<tr>
<td>Easy to Use</td>
<td>Premixed with no additives required; cleans up with water</td>
</tr>
<tr>
<td>VOC Compliant</td>
<td>Less than 27 g/L</td>
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**Basic Uses**

AkroSil Finishes are designed to be used with the AkroFlex EIF Systems and also as an interior or exterior finish.

**Area of Use**

AkroSil Finishes may be applied to the following substrates. For best results, substrates should be prepared with AkroFlex Base Primer.

1. AkroFlex EIF System base coats
2. All Omega base coats
3. One coat stucco/brown coat/existing stucco
4. CMU/poured-in-place and/or tilt-up concrete/masonry
5. Properly prepared gypsum drywall (interior)
6. Other substrates as approved by Omega Products International

**Optional Product Upgrades/Enhancements**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>BENEFIT</th>
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<tbody>
<tr>
<td>Primer</td>
<td>Promotes bond strength, color consistency, and uniform suction, while increasing water resistance and finish coverage</td>
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<tr>
<td>Crack Isolation System</td>
<td>Supplementary system designed to mitigate surface cracking in new and existing plaster systems by integrating woven fiberglass mesh into the base coat or brown coat prior to applying the finish</td>
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</table>
Application Instructions

AKROSIL FINISHES

Surface Preparation

All surfaces to receive application must be clean and free of loose debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond. It is recommended that all approved substrates be coated with AkroFlex Base Primer to enhance the material’s performance. One coat and three coat stucco products must be adequately cured and concrete must cure for a minimum of 28 days. The pH level of these products must be below 10 prior to application of the AkroFlex Base Primer.

Mixing

1. AkroSil Finishes must be thoroughly mixed prior to use with a paddle mixer. Refer to the Omega Color Bottle System Product Data Sheet for color mixing instructions.
2. If multiple pails are being used, intermix (box) pails to achieve color consistency.

NOTE: To ensure color consistency, always measure and add the same amount of water to each pail during mixing.

Application

AkroSil may be applied using a hand application method or a machine sprayed method.

Hand Application Method

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation section of this Product Data Sheet.
2. Apply a uniform coat of the desired AkroSil Finish, no thicker than the largest aggregate, to the substrate.
3. Immediately following the applicator, use a plastic float or stainless steel trowel in a consistent motion to obtain the desired finish.

Machine Sprayed Method

1. Add desired amount of mixed material to sprayer.
2. Begin spraying material onto the receiving surface. Starting at a corner and not stopping until the opposite corner is reached. Avoid puddling.
3. To ensure consistent color, a uniform thickness must be maintained during the application process.
4. A true dash finish usually requires 2 to 3 coats.

Drying

Drying time may vary due to climatic conditions. Drying should occur within 24 hours at an ambient and surface temperature of 70°F (21°C) and 55%, R.H. All freshly applied material must be protected from inclement weather until fully dry.

Disclaimer

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Technical Assistance

Technical assistance and information is available by calling Omega Products International at (800) 600-6634 or FAX (951) 520-2594 or by e-mail at info@omega-products.com.

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The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer’s only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer’s plant and is accompanied with proof of purchase and batch number.

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