AkroGuard is a non-cementitious, flexible coating that is used along with approved joint/transition treatments to create the AkroGuard Water-Resistive Air Barrier (WR-AB) Assembly over approved substrates. The AkroGuard coating is manufactured using high-grade fibers and 100% acrylic polymers that when used as part of the AkroGuard WR-AB Assembly offers superior protection for wall systems against water and air intrusion.

### Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Flexible</td>
<td>Withstands movement</td>
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<tr>
<td>Water Resistant</td>
<td>Prevents moisture through wall assembly</td>
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<tr>
<td>Low VOC</td>
<td>Safe and non-toxic</td>
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<tr>
<td>Durable</td>
<td>Does not tear; seamless; UV resistant</td>
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<tr>
<td>Strong Adhesion</td>
<td>Does not require fasteners; acceptable surface for EPS bonding</td>
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<tr>
<td>Vapor Permeable</td>
<td>Allows wall assembly to breath</td>
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### Basic Uses

AkroGuard is designed to be the primary coating in the AkroGuard Water-Resistive Air Barrier (WR-AB) Assembly and the water-resistive barrier within AkroFlex EIF Systems. Complies with ICC-ES Acceptance Criteria for Water-resistive Coatings (AC212).

### Area of Use

AkroGuard may be applied to the following substrates:

1. Gypsum sheathing
2. Fiber faced gypsum sheathing
3. Wood-based sheathing
4. CMU/poured-in-place and/or tilt-up concrete/masonry
5. Cement board

Other substrates require joint/transition treatments approved by Omega. For more information, contact Omega at 1-800-367-7426.
Application Instructions

Surface Preparation

All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Treat all rough openings, sheathing joints, inside and outside corners, and tops of parapets with an AkroGuard joint/transition treatment. Refer to the AkroGuard WR-AB Assembly system data sheet (OP71D) for additional information.

Mixing

Mix thoroughly with a paddle-type mixer until a uniform consistency is achieved. Avoid creating air bubbles or over mixing.

Application

AkroGuard may be applied with a roller or sprayed to form a continuous barrier approximately 10 to 20mils thick when wet. Roller application requires a 3/4” nap roller and is recommended for all rough surfaces in order to ensure a uniform application. AkroGuard material must be continuous with no pin holes.

Drying

AkroGuard will dry to the touch in 1 hour, but allow 4 hours before recoating and 24 hours before adhering the insulation board or applying base coat. Drying time may vary due to climatic conditions, but should take more than 24 hours at an ambient temperature of 70°F (21°C) and 55% R.H. Variations in ambient temperature and humidity may affect drying time. AkroGuard must be protected by an approved protection system from inclement weather until fully dry. Care must be taken to not damage the AkroGuard surface prior to and during the application of the remaining wall system.

Limitations

DO NOT apply product when the ambient and surface temperature is below 40°F (4°C). The ambient and surface temperature must stay consistently above this temperature until fully dry (see DRYING). Material that is allowed to freeze may suffer irreparable damage.

DO NOT add any other materials to this product without written approval from Omega Products International.

DO NOT deviate from the mixing or application procedures contained in this, or any other Omega Product Data Sheets, without written approval from Omega Products International.

DO NOT apply AkroGuard if there are contaminates on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils. Fire-retardant treated or pressure treated plywood substrates must be dry and free of all bond-inhibiting materials.

DO NOT use a paddle-type mixer that exceeds 500 RPM.

DO NOT leave AkroGuard in its unfinished state.

NOTE: Failure to follow manufacturer’s written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN