



# AkroGuard

## Water-Resistive Air Barrier Coating



### Coverage

Approximately 300ft<sup>2</sup> to 650ft<sup>2</sup>. Coverage will vary due to surface conditions and porosity along with surface temperatures. Ambient air conditions will also affect coverage amounts.

### Packaging

60lb (27.2kg), 4.7 gallon (17.8L) pails

### Storage

1. Store pails in a cool, dry location.
2. Store at a temperature between 40°F (4°C) and 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

### Shelf Life

2 year

### Color

Red

### Permeability

8.7 perms

### Product Description

**A** kroGuard 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

### Benefits

<i>Flexible</i>	Withstands movement
<i>Water Resistant</i>	Prevents moisture through wall assembly
<i>Low VOC</i>	Safe and non-toxic
<i>Durable</i>	Does not tear; seamless; UV resistant
<i>Strong Adhesion</i>	Does not require fasteners; acceptable surface for EPS bonding
<i>Vapor Permeable</i>	Allows wall assembly to breath

### 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

# Application Instructions



AKROGUARD

## 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 (OP710) 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 20 mils 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. OSB requires two separate approximately 10 mil coats. 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 contaminants 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**

www.omega-products.com

### Disclaimer

Omega Products International [Manufacturer] MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT(S) SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond the control of

Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product for his/her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

### Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

### Technical Assistance

Technical assistance and information is available by calling Omega Products International at (951) 737-7447 or FAX (951) 520-2594 or by email at info@omega-products.com.

### Warranty

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.