



AkroGuard

Water Resistive Barrier Coating



Coverage

Approximately 300ft² to 650ft². Coverage will vary due to surface conditions and porosity along with surface temperatures. Ambient air conditions will also affect coverage amounts.

Packaging

60lb (27.22kg), 4.7 gallon (17.79L) 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 in color

Permeability

8.7 perms

Product Description

AkroGuard is a field applied, non-cementitious, flexible coating that when used with AkroFill creates a water-resistive barrier over approved substrates.

Features

Flexible

Water Resistant

Low VOC

Durable

Strong Adhesion

Vapor Permeable

Benefits

Withstands movement

Prevents moisture through wall assembly

Safe and non-toxic

Does not tear; seamless; UV resistant

Does not require fasteners; acceptable surface for EPS bonding

Allows wall assembly to breath

Basic Uses

AkroGuard is designed for use as a water-resistive barrier and air barrier over approved substrates and with the 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. AkroGuard should only be used after filling all holes, gaps, and joints between or in the sheathing with AkroFill and Omega Starter Mesh.

Mixing

Mix thoroughly with a Jiffler-type mixer until a uniform consistency is achieved. Avoid creating air bubbles or overmixing.

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.

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 be at least 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. Protect all work from inclement weather with an approved protective system until fully dry.

DO NOT apply this product over pressure treated or fire retardant treated wood.

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

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, Inc.

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.

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

DO NOT leave AkroGuard in its applied 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

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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, Inc. at (800) 600-6634 or FAX (951) 520-2594 or by e-mail 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.