

AkroGuard Water/Air Barrier

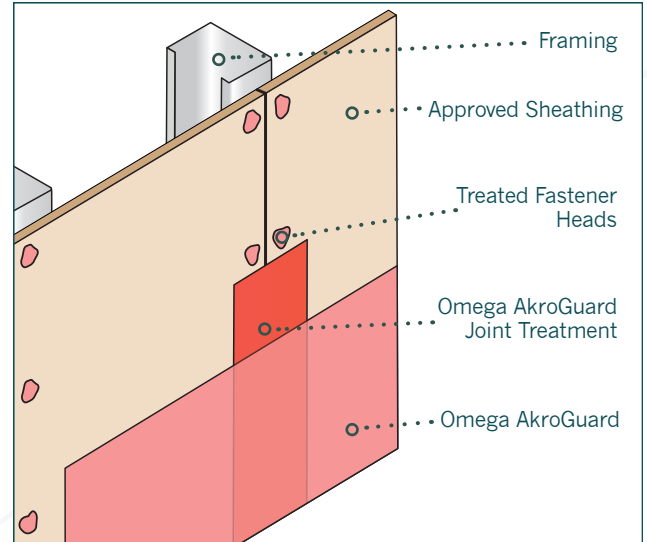
A Fluid Applied Water-Resistant Air Barrier Assembly

PRODUCTS INTERNATIONAL

Omega Products International's AkroGuard is an assembly of water-resistant air barrier (WR-AB) materials that offers superior protection against water and air intrusion. Spray, roll, or brush applied, AkroGuard is easy to apply, seamless, and durable.

System Description

AkroGuard consists of a field applied, non-cementitious, flexible coating and joint/transition treatments that create a water-resistive air barrier assembly over approved substrates. The first step in the AkroGuard system is to treat all the rough openings, sheathing joints, penetrations, flashings, and fastener heads. Then AkroGuard is spray, rolled, or brush applied to the entire substrate to create a continuous barrier. AkroGuard complies with ICC-ES Acceptance Criteria for Water-Resistive Coatings (AC212) and meets the ASTM requirements as an air barrier.



Design Considerations

- May be applied over the following:
 - Steel or wood framed construction with the following substrates:
 - ASTM C1396 water-resistant gypsum sheathing
 - ASTM C1177 glassmat faced gypsum sheathing
 - ASTM C1325 cement boards
 - ASTM C1278 gypsum fiber panels
 - Exterior grade or exposure 1 plywood
 - Exposure 1 OSB
 - Poured concrete or masonry
- Design and installation requirements can be found in the ICC-ES ESR-3391 report

Uses

The AkroGuard WR-AB Assembly is a excellent choice for new or retrofit commercial, residential, or institutional projects.

AKROGUARD ADVANTAGES

FEATURES	BENEFITS
<i>Water-Resistant</i>	Prevents moisture through wall assembly
<i>Air Tight</i>	Protects against air leakage and resulting energy losses
<i>Low VOC</i>	Safe and non-toxic; no special handling
<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, which helps prevent mold growth
<i>Flexible</i>	Withstands movement

Approved by: _____

Date: _____

System Components

The following products are components in the AkroGuard WR-AB Assembly. Please see the product's data sheet for additional information.

AkroGuard

AkroGuard is a non-cementitious, flexible water-resistive air barrier coating manufactured using high-grade fiber fillers and 100% acrylic polymers.

Joint/Transition Treatments

- **AkroFill with AkroFlex Reinforcing Mesh:**
AkroFill is a non-cementitious, ready-mixed, flexible joint compound that is manufactured with high-grade fiber fillers and 100% acrylic polymers. AkroFlex Reinforcing Mesh is a 4.2oz, alkali-resistant woven glass fiber fabric.
- **AkroGuard with AkroGuard Fabric:**
AkroGuard Fabric is a reinforced non-woven polyester fabric.
- **Self-Adhered Flashing:**
EIFS/Stucco Tape by Protecto Wrap is a self-adhered, rubberized asphalt membrane with a polyester top surface.

Installation & Design Requirements

- AkroGuard must be integrated with other building components to provide a continuous air barrier and to prevent water intrusion into the wall cavity.
- Coordinate with other trades to ensure proper sequencing of work.
- AkroGuard material must be continuous with no pin holes.
- Substrates must be structurally sound, clean, dry, and free of all material that may reduce bonding.
- Do not use below grade.
- 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. Material that is allowed to freeze may suffer irreparable damage.
- Protect all work from inclement weather with an approved protective system until fully dry.
- Store and apply all component products per the product's data sheet.
- Additional information is available by contacting Omega Products International.

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.



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