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 an excellent choice for new or retrofit commercial, residential, or institutional projects.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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</thead>
<tbody>
<tr>
<td>Water-Resistant</td>
<td>Prevents moisture through wall assembly</td>
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<tr>
<td>Air Tight</td>
<td>Protects against air leakage and resulting energy loses</td>
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<tr>
<td>Low VOC</td>
<td>Safe and non-toxic; no special handling</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, which helps prevent mold growth</td>
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<tr>
<td>Flexible</td>
<td>Withstands movement</td>
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Approved by:                              Date:

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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-resistant 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 4.5oz, 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.