**Features and Components**

**Use:** For bonding fleece-backed singly ply, insulation and cover boards.

**Type:** Self-contained two-part, low-rise foam adhesive.

**Substrates:** Compatible with the following: insulations, cover boards, and substrates; fleece-backed TPO, fleece-backed PVC, polyisocyanurate; HD wood fiber; perlite; Invinsa® Roof Board; gypsum; concrete; treated plywood; cementious wood fiber plank; base sheets; gypsum; and some existing smooth-surfaced asphalt (per inspection).

**Color:** Pink.

**System Compatibility**

This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

<table>
<thead>
<tr>
<th>Multi-Ply</th>
<th>BUR</th>
<th>APP</th>
<th>SBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA</td>
<td>CA</td>
<td>HW</td>
<td>HA</td>
</tr>
</tbody>
</table>

**Energy and the Environment**

**Maximum VOC**

11 g/l as applied after mixing (EPA method 24)

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Test Method</th>
<th>JM Two-Part UIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (liquid components)</td>
<td>Part 1 –</td>
<td>10.32 lb/gal (1.2 kg/l)</td>
</tr>
<tr>
<td></td>
<td>Part 2 –</td>
<td>8.54 lb/gal (1.0 kg/l)</td>
</tr>
<tr>
<td>Viscosity (liquid components)</td>
<td>Part 1 –</td>
<td>300 cps</td>
</tr>
<tr>
<td></td>
<td>Part 2 –</td>
<td>280 cps</td>
</tr>
<tr>
<td>Density - Free Rise</td>
<td>D-1622</td>
<td>3.2 lb/ft^2 (0.05 g/cm)</td>
</tr>
<tr>
<td>Compressive Strength - Parallel</td>
<td>D-1621</td>
<td>38 psi (0.26 MPa) @ 6% deflection</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>D-1623</td>
<td>35 psi (0.26 MPa)</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>D-2843</td>
<td>5.1%</td>
</tr>
<tr>
<td>Closed Cell Content</td>
<td>D-2856</td>
<td>90% (min)</td>
</tr>
</tbody>
</table>

**Codes and Approvals**

Refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

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**Installation/Application**

- Apply at ambient temperature of 40°F (4°C) and rising.
- Adhesive must be 70°F (21°C) before application.

**Packaging and Coverage**

- **Container Type:** Canister
  - 25 ft hose
  - Gun Assembly
  - 6 Mixing Tips
  - 3 - 17” Extension Tubes

- **Items per Box:**
  - Part 1: 48 lbs (22 kg)
  - Part 2: 38 lbs (17 kg)

- **Shipping Weight (approx.):**
  - Part 1: 48 lbs (22 kg)
  - Part 2: 38 lbs (17 kg)

- **Cases/Boxes per Pallet:** 40

- **Coverage Rate:**
  - For Board Installation only:
    - 12” OC Beads: 3500 ft^2 (325 m^2)
    - 6” OC Beads: 1750 ft^2 (163 m^2)
    - 4” OC Beads: 1172 ft^2 (109 m^2)
  - For Membrane Installation Only:
    - Spatter Pattern: 2400 ft^2 (223 m^2)

*Coverage, open and dry time rates can vary dramatically depending on the particular substrate and environmental conditions. Coverage rates stated herein are approximate only. If FM Global® or UL® approval is required, consult specific RoofNav® or the UL Certifications Directory for specific application rates.

**Storage**

- **Shelf Life:** 12 months from manufacture date
- **Storage Conditions:** Clean, dry, well-ventilated indoor environment in an unopened container
- **Temperature Range:** 60°F to 90°F (16°C to 32°C) - Minimum application temperature is 70°F (21°C). Protect from freezing.

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**System Compatibility**

This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

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**Key:**
- HA = Hot Applied
- CA = Cold Applied
- HW = Heat Weldable
- SA = Self Adhered

**MF = Mechanically Fastened**
**IW = Induction Weld**
**BA = Ballasted**
**AD = Adhered**

*May also be used to adhere fleece-backed TPO and PVC Membranes to insulation and cover boards.*
Installation/Application Instructions

JM Two-Part UIA Canister is dispensed in a foamed bead or spatter pattern that quickly rises 25 mm above the substrate. The insulation board or membrane is placed into the adhesive and walked or rolled into place. The adhesive cures completely in approximately 3 to 6 minutes after application, depending on temperature and weather conditions. Note: Material must be placed into the adhesive while it is still wet (before it reaches its tack-free state).

Ensure all insulation boards are 4’ x 4’ (1.22 m x 1.22 m) or smaller.
Ensure all surfaces are dry and free of any debris, dirt, oil and grease before using JM Two-Part UIA Canister.

- Adhesive must be 70°F (21°C) before application. This normally requires 36+ hours at room temperature.

Partially used canisters:
- Turn the valves into their OFF position.
- Do not drain the chemical from the hoses.
- Slide the safety on the applicator gun into the LOCKED position.
- Remove the old nozzle, but do not throw away. Clean off the end of the gun to ensure the chemical exits are not obstructed. Apply fresh lubricant to the black rubber O-ring. Reattach the old nozzle, which, clogged with adhesive, will keep air and moisture out of the lines.
- Remaining contents must be dispensed within 30 days of the date of initial use.
- After every 7 days without use, dispense a small amount of chemical to prevent crystallization from occurring in the hoses.
- Please refer to detailed installation instructions on next page.

Clean-Up and Disposal

Disposal
- During product disposal, wear recommended eye and skin protection. Maintain proper ventilation.
- Empty tanks completely of any remaining material.
- Add oil absorbent to waste components. Dispose of waste in an approved landfill.
- Turn empty canister upside down and open valve completely to relieve the canister of pressure.
- Once pressure is completely evacuated, locate and punch out the button on the shoulder of the canister using a non-ferrous punch.
- Empty cylinders can be sent to a metal recycler or an approved landfill.
- Cured adhesive is considered inert and can be disposed of with standard municipal waste.
- Check with your local waste disposal service for guidance.
- DO NOT INCINERATE CANISTERS.

Precautions

First Aid – EYES: Flush with water for at least 15 minutes. Seek medical attention. SKIN: Remove contaminated clothing. Wipe excess foam off with rags. Wash skin thoroughly with plenty of soap and water. Scrape off excess cured adhesive with an abrasive pad. Residual foam will gradually wear off. If irritation persists or difficulty breathing occurs, seek medical attention. Do not use solvent to remove adhesive. INHALATION: Immediately move to fresh air. If breathing is difficult, have trained personnel administer oxygen. Seek medical attention. INGESTION: Drink large quantities of water. DO NOT induce vomiting. Seek medical attention. Refer to Safety Data Sheet for further information.

Environmental Hazard – PMDI in Part 1 component may cause pollution. Do not discharge into lakes, streams, ponds or public waters. For guidance, contact your regional office of the U.S. Environmental Protection Agency.

Safety – Wear proper clothing and safety equipment.