Features and Components

Use: For adhering JM TPO and JM EPDM membranes to approved substrates. Do not use on fleece-backed membranes at any time.

Type: One-part, low VOC synthetic polymer-based membrane adhesive.

Substrates: Compatible with approved insulations and cover boards, wood substrates, concrete, and light-weight concrete decks.

Color: Yellow

System Compatibility

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

Energy and the Environment

Maximum VOC <250 g/l (EPA Method 24)

This product may be used in jurisdictions limiting VOC (volatile organic compounds) content of single ply roofing adhesive to no greater than 250 g/l. Not 1168 Compliant.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>JM TPO LVOC Membrane Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight per Unit (approx)</td>
<td>7.6 lb/gal (0.920 kg/l)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.9</td>
</tr>
</tbody>
</table>

Precautions

This product is flammable. Adhesive contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided, and the recommended personal protective equipment should be worn.

Exposure Window

Johns Manville recommends immediate and complete use upon opening. Use open containers within 48 hours of opening. Replace lid on can when not in use. Adhesive that has changed color or viscosity is no longer usable.

Installation/Application

- Ambient Temperature Ranges:
  - Apply when ambient temperature is 25°F and rising
  - Do NOT apply when dew point is within 10°F or closer to ambient.
- Adhesive Temperature Ranges:
  - Adhesive must be greater than 32°F.
  - If adhesive falls below 32°F, place back in warm area until temperature is 60°F or greater.
- Typically used in MF systems as a flashing adhesive.
- Do not apply adhesive near seams or splices, or where a hot-air welder will be used.
- Do Not Thin.

Packaging and Coverage

<table>
<thead>
<tr>
<th>Container Size</th>
<th>5 gal (18.9 l) pail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping Weight (approx)</td>
<td>42 lb (19.1 kg)</td>
</tr>
<tr>
<td>Coverage Rate*</td>
<td>50 – 90 ft²/gal (1.23 – 2.03 m²/l)</td>
</tr>
</tbody>
</table>

* 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 RoofNavSM or the UL Certifications Directory for specific application rates.

Storage

<table>
<thead>
<tr>
<th>Shelf Life</th>
<th>12 months from manufacture date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Conditions</td>
<td>Clean, dry, indoor environment in an unopened container</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>60°F – 80°F (16°C – 27°C) - Protect from freezing</td>
</tr>
</tbody>
</table>

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.