

Features and Components

- Use:** For adhering JM TPO membranes to approved substrates. *Do not use on fleece-backed membranes at any time.*
- Type:** One-part, **1168 Compliant***, 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



Component

AD
Adhesive

Type

M
Membrane
Single Ply

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

Multi-Ply	BUR		APP			SBS			
	HA	CA	HW	HA	CA	HW	SA	MF	
<i>Do not use in multi-ply systems</i>									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Compatible to adhere membranes in the selected single ply systems above</i>										

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

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.	

Physical Properties

Property	JM TPO Membrane Adhesive (Low VOC)
Weight per Unit (approx)	8.8 lb/gal (1.05 kg/l)
Specific Gravity	0.85031

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.

Installation/Application



Long Nap Roller

- Apply when ambient and substrate temperature is 40°F (5°C) and rising.
- Typically used in MF systems as a flashing adhesive.
- Do not use for splicing. Do not apply adhesive near seams or splices where a hot-air welder will be used.
- Do Not Thin. Refer to the application instructions guidelines for proper utilization of this adhesive.

Packaging and Coverage

Container Size	5 gal (18.9 l) pail
Shipping Weight (approx.)	47 lb (21.3 kg)
Coverage Rate*	60 – 90 ft ² /gal (1.67 – 2.03 m ² /l)

* 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

Shelf Life	12 months from manufacture date
Storage Conditions	Clean, dry, indoor environment in an unopened container
Temperature Range	60°F – 80°F (16°C – 27°C) - Protect from freezing

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.

*1168 Rule - The purpose of this rule is to reduce emissions of volatile organic compounds (VOCs) and to eliminate emissions of chloroform, ethylene dichloride, methylene chloride, perchloroethylene, and trichloroethylene from the application of adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primers. This rule applies to all commercial and industrial sales and applications of adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primers, unless otherwise specifically exempted by this rule. Reference: www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

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.