

Features and Components

Use: JM One-Step Foamable Adhesive is a two-component polyurethane adhesive used for attaching insulation or cover boards to the roof deck or to other insulation boards.

Type: Two-part, cold application insulation adhesive.

Substrates: Compatible with the following insulations¹, cover boards, and substrates: polyisocyanurate; HD wood fiber; perlite; Invinsa® Roof Board; gypsum; structural concrete; lightweight insulating concrete; treated plywood (5/8" [1.58cm] min. thickness); cementitious wood fiber plank; base sheets; gypsum; and some existing smooth-surfaced asphalt (per inspection).

1. Ensure that all insulation boards are 4' x 4' or smaller.

Color: Part 1 - Tan, Part 2 - Colorless

Features: Solvent free.

Set boards immediately into adhesive; reduces installation time and maximizes adhesive footprint.

No hoses or pumps required.

Always on ratio, eliminates guesswork.

Component

AD
Adhesive

Type

I
Insulation

B
Cover Board

Multi-Ply
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	BA	AD	
<i>Used to adhere Insulation in all Multi-Ply systems</i>											

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Used to adhere Insulation in all Single Ply systems</i>										

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

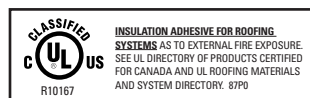
Energy and the Environment

Maximum VOC	18 g/l as applied after mixing (EPA method 24)
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Physical Properties

Property	ASTM Test Method	JM One-Step Foamable Adhesive
Weight <i>(liquid components)</i>	Part 1	9.6 lb/gal (1.5 kg/l)
	Part 2	8.35 lb/gal (1.0 kg/l)
Viscosity <i>(liquid components)</i>	Part 1	5,000 cps
	Part 2	3,700 cps

Codes and Approvals



Precautions

First Aid – In case of contact with eyes, immediately flush eyes with running water for at least 15 minutes. Call a physician immediately. In case of contact with skin, wash affected area with soap and water. Remove all contaminated clothing and shoes. Wash clothing before reuse and discard contaminated shoes. If swallowed, drink large amounts of water to dilute. If vomiting occurs, drink more water and call a physician immediately.

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.

Disposal – Neutralize and dispose of spilled material, unused contents and empty containers in accordance with local, state and federal regulations.

Safety – Wear proper clothing and safety equipment.

Installation/Application



Bead

- Apply when ambient temperature is 0°F (-18°C) and rising. Do Not Thin.
- 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 One-Step Foamable Adhesive.
- Refer to the application instructions and guidelines for proper utilization and coverages rates of this adhesive.

Packaging and Coverage

Container Type	Case			
Items per Case/Box	4 cartridges/case with 6 mixing tips			
Shipping Weight (approx.)	17.8 lb (8.1 kg)			
Cases/Boxes per Pallet	48			
Bead Spacing	Typical Coverage Rates*			
	per case	ft ² /gal	gal/100 ft ²	
	12" o.c.	400 to 600 ft ²	253 to 379	0.26 to 0.40
	6" o.c.	200 to 300 ft ²	126 to 190	0.52 to 0.80
4" o.c.	133 to 200 ft ²	84 to 126	0.78 to 1.2	

* Coverage rates are approximate and may vary based on substrate type and application. Approved substrates include structural concrete decks, JM Vapor Barrier SA, ENRGY 3, Ret-roPlus, DuraBoard, Invinsa, Securock, DensDeck, DensDeck Prime, smooth modified asphalt membranes and granulated asphalt membranes. Please contact JM Technical Services for other approved substrates.

Storage

Shelf Life	12 months from manufacture date
Storage Conditions	Clean, dry, well-ventilated indoor environment in an unopened container. 24 hours prior to use, store between 60°F (16°C) and 85°F (29°C).
Temperature Range	45°F to 95°F (7°C to 35°C) - Protect from freezing

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.