

## Features and Components

**Use:** A two-component, low-rise, polyurethane foam adhesive for attaching fleece-backed single ply membranes to insulation boards or direct to deck, as well as insulation boards to the roof deck or other insulation boards.

**Type:** Two-part, cold application adhesive.

**Substrates:** Compatible with the following insulations, cover boards, and substrates: polyisocyanurate; HD wood fiber; perlite; HD Polyiso; gypsum; concrete; treated plywood; cementitious wood fiber plank; base sheets; gypsum; and some existing smooth-surfaced asphalt (per inspection).

**Color:** Violet Purple

**Features:** No primers or catalysts are required for application. May be used in single ply and bituminous systems.



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		
									Used to adhere insulation in all multi-ply systems	

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
	Used to adhere insulation in all single ply systems									

**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	<50 g/l as applied after mixing (EPA method 24)
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## Physical Properties

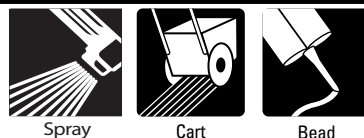
Property			ASTM Test Method	JM UA
Weight	Weight (liquid components)	Part A	—	9.92 lb/gal (4.5 kg/l)
		Part B	—	8.59 lb/gal (3.9 kg/l)
	Viscosity (liquid components)	Part A	—	300 cps
		Part B	—	334 cps

## Codes and Approvals



## Storage

Shelf Life	12 months from manufacture date
Storage Conditions	Clean, dry, well-ventilated indoor environment in an unopened container.
Temperature Range	60°F - 80°F (16°C - 27°C). Do not allow QuickFoam to freeze. Storage above 90°F (32°C) may affect shelf-life.



## Installation/Application

- Apply at ambient temperature of at least 25°F (-4°C) and rising.
- Adhesive must be 65°F-80°F (18°C-27°C) BEFORE APPLICATION.
- Refer to the application instructions guidelines for proper utilization of this product.
- Ambient temperature must remain at 25°F (-4°C) or higher for a minimum of 24 hours after applying or the adhesive may not cure properly.
- When temperatures are in excess of 90°F (32°C) shield the drums from direct sunlight with white membrane, tarpaulin, or readily available cover.

## Packaging

Container Type	Cartridge	Box	Drum	Drum
Items per Case/Set	4 - cartridges/ case with 6 mixing tips	2 - boxes (parts)/set 5 gal (18.9 l) each	2 - drums (parts)/set 15 gal (56.8 l) each	2 - drums (parts)/set 50 gal (227 l) each
Shipping Weight (approx.)	15 lb (6.8 kg)	Part 1 = 50 lb (22.7 kg) Part 2 = 43 lb (19.5 kg)	Part A = 150 lb (68 kg) Part B = 130 lb (59 kg)	Part A = 500 lb (227 kg) Part B = 433 lb (197 kg)
Pallet Quantity	36	32	8	4

## Installation/Application Instructions

JM QuickFoam is dispensed in a semi-liquid bead or spatter. Within 3 to 5 minutes, the insulation board is placed into the adhesive and walked into place. Then roll with a 150lb roller between 5 –7 minutes from the initial application. Boards may be temporarily weighted or relief-cut where necessary to keep the boards in constant contact until the adhesive cures. Cure time will vary based on environmental conditions like temperature and humidity. The adhesive provides sufficient green strength in 10 minutes after application, depending on temperature and weather conditions. Note: Board stock must be placed into the adhesive while it is still wet (before it reaches its tack-free state).

When adhering insulation boards to the roof system, 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 QuickFoam.

## Membrane/Application Instructions

### Spatter Applications

Spray adhesive at ½ gallon per square minimum to obtain at least 50% coverage (approximately ¼ to ½ thick after foaming). Ensure membrane end laps are protected from adhesive.

### Bead Applications

Apply at 4", 6", 8" or 12" on center with a minimum ½" bead. Ensure membrane end laps are protected from adhesive.

### Personal Protective Equipment

Wear protective gloves/ eye protection/ face protection. In case of inadequate ventilation wear respiratory protection.

## Clean-Up and Disposal

### Disposal

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

## 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.

## Coverage – Fleece Backed Membranes, Insulation, and Substrates

Bead spacing: 12" o.c. • Applied bead size: ½" min.

Packaging	Typical Coverage Rates*		
	per package	ft²/gal	gal/100 ft²
Cartridge	400-600 ft²/case	126-189	0.4-0.5
5 gal box	2,000-5,000 ft²/set**	200-250	
15 gal drum	6,000-7,500 ft²/set**		
50 gal drum	20,000-25,000 ft²/set**		

Bead spacing: 6" o.c. • Applied bead size: ½" min.

Packaging	Typical Coverage Rates*		
	per package	ft <sup>2</sup> /gal	gal/100 ft <sup>2</sup>
Cartridge	200-300 ft <sup>2</sup> /case	63-94	1.1-1.6
5 gal box	1,000-1,125 ft <sup>2</sup> /set**	100-125	0.8-1.0
15 gal drum	3,000-3,750 ft <sup>2</sup> /set**		
50 gal drum	10,000-12,500 ft <sup>2</sup> /set**		

Bead spacing: 4" o.c. • Applied bead size: ½" min.

Packaging	Typical Coverage Rates*		
	per package	ft <sup>2</sup> /gal	gal/100 ft <sup>2</sup>
Cartridge	100-200 ft <sup>2</sup> /case	31-63	1.6-3.2
5 gal box	670-900 ft <sup>2</sup> /set**	67-90	1.1-1.5
15 gal drum	2,110-2,700 ft <sup>2</sup> /set**		
50 gal drum	6,700-9,000 ft <sup>2</sup> /set**		

## Spatter Pattern

Packaging	Typical Coverage Rates*		
	per package	ft <sup>2</sup> /gal	gal/100 ft <sup>2</sup>
5 gal	1,800-2,000 ft <sup>2</sup> /set**	180-200	0.50-0.56
15 gal	5,400-6,000 ft <sup>2</sup> /set**		
50 gal	18,000-20,000 ft <sup>2</sup> /set**		

\* Coverage rates are approximate and may vary based on substrate type and application.

Approved substrates include structural concrete decks, JM Vapor Barrier SA or SAR, ENRGY 3, Protector HD®, RetroPlus, DuraBoard, Separator CGF, Securock, DensDeck, DensDeck Prime, DEXcell®, smooth modified asphalt membranes and granulated asphalt membranes. Please contact JM Technical Services for other approved substrates. If FM Global® or UL® approval is required, consult specific RoofNavSM or the UL Certifications Directory for specific application rates.

\*\* A set is defined as an equal Part A and Part B.

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please 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](http://www.jm.com/roofing). The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

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