

Millennium Pourable Foam Insulation Adhesive

Description

Millennium Pourable Foam Insulation Adhesive is a single component, elastomeric, low rise urethane foam adhesive that contains no solvents and does not require special tools or applicators.

This liquid applied adhesive will, within minutes after application, begin to set transforming into a strong low rise foam.

Basic Use

Millennium Pourable Foam Insulation Adhesive is designed for use as an adhesive for bonding approved roof insulations to a building's structural roof deck, base sheets, other insulation boards, and smooth built-up roof surfaces (non-graveled).

Millennium Pourable Foam Insulation Adhesive eliminates the need for mechanical fasteners that can often cause damage to the roof deck, which can reduce the roof's service life.

Approved Insulations and Substrates

- HD wood fiber
- Isocyanurate
- Perlite- minimum 3/4" (1.9 cm)
- Polystyrene
- Gypsum cover board
- Structural roof decking: concrete, gypsum, cementitious wood fiber (tectum), wood or steel
- Base sheets (sanded or granule surfaced)
- Approved insulations (multi-layers applications)
- Smooth built-up roof surfaces (re-roof applications)

For a complete list of approved substrates and insulation types, or for additional information, contact our Technical Department.



Features	Benefits
One part system	Easy to apply, no mixing
No temperature restrictions	Suitable for all climates
Solvent free	VOC free, low odor
Elastomeric	Remains flexible, absorbs stressed
Low rise foam	Accommodates minor surface irregularities
Replaces fasteners	Minimizes penetrations and deck corrosion

Safety

Prior to working with this or any product consult product label and Material Safety Data Sheet (MSDS) for necessary health and safety precautions.

Limitations

- Do not apply to wet or damp surfaces.
- Not recommended for use with insulation boards larger than 4' x 4' (1.2m x 1.2m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- When applying Millennium Pourable Foam Insulation Adhesive over a smooth or sanded APP roof surface Millennium Surface Treatment will be required.

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Application

1. Remove lid from pail and pour adhesive into an approved multi-port adhesive applicator. Millennium Pourable Foam Insulation Adhesive can also be applied directly from the pail.
2. Apply Millennium Pourable Foam Insulation Adhesive directly to substrate, using a ribbon pattern. Space 1/2" - 3/4" (1.2cm - 1.9cm) wide beads, 12" (30cm) o.c., to achieve proper coverage rates.
3. As adhesive is applied, immediately place insulation board into wet adhesive. Do not allow the adhesive to skin over.
4. Eliminate uneven surfaces to ensure positive contact between the insulation board and substrate.
5. In cold temperatures below 40°F (4°C), or anytime a quicker set is desired, spray a mist coat of Millennium Foam Accelerator to freshly applied adhesive.



Packaging and Coverage

Millennium Pourable Foam Insulation Adhesive is available in the following package:

Pail Size	Part #	Pails/Pallet
3 gallon (11.3 L)	PF-IA3P-01	48

Covers 500 - 600 sq ft (46m² - 56m²) per 3 gallon unit.
Coverage rates may be slightly higher over irregular surfaces.

Surface Preparation

All work surfaces should be clean, dry, and free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven.

For applications over existing weathered asphalt or coal tar pitch BUR, apply Millennium Universal Primer prior to the application of Millennium Pourable Foam. For applications over fresh and/or non-oxidized asphalt, coal tar or plastic film membranes, apply Millennium Surface Treatment prior to the application of Millennium Pourable Foam.

Equipment

Approved application equipment:

- Insul-Liner

Storage

For ease of application, maintain a minimum material temperature of 70°F (21°C) prior to use. If a skin develops, simply remove it and use the remaining material. Shelf life is 6 months from date of manufacture.

Color

Off white-light amber



Code #0036-1209

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