

TRI-BUILT® ONE STEP FOAMABLE ADHESIVE

DESCRIPTION

TRI-BUILT® One Step Foamable Adhesive is a highly elastomeric, one-step, all-purpose, foamable adhesive that contains no solvents, sets in minutes, and is designed for use with the application process described below.

TRI-BUILT® One Step Foamable Adhesive application process eliminates error due to poor mixing. Application is quick and easy, resulting in significant labor savings for the contractor. No expensive specialty pumps or spray rigs are required.

BASIC USE

TRI-BUILT® One Step Foamable 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 or properly prepared graveled built-up roof surfaces.

TRI-BUILT® One Step Foamable Adhesive eliminates the need for mechanical fasteners that can often cause damage to the roof deck, which can reduce the roof's service life.

FEATURES & BENEFITS

- Ready to use
- Requires no mixing, reduces labor costs
- No temperature restrictions
- Suitable for all climates
- One Step technology
- Easy to apply
- Solvent free
- VOC free, no odors
- Elastomeric
- Remains flexible, absorbs stresses
- Low rise foam
- Accommodates minor surface irregularities
- Replaces fasteners
- Minimizes penetrations and deck corrosion



APPROVED INSULATIONS & SUBSTRATES

- HD wood fiber
- Isocyanurate
- Perlite- minimum 3/4" (1.9 cm)
- Polystyrene
- Gypsum cover board
- Asphaltic cover boards
- DensDeck
- Concrete
- Gypsum
- Cementitious wood fiber
- Lightweight insulating concrete
- Wood or steel
- Modified bitumen membranes and base sheets (sanded or granule surfaced)
- Approved insulations (multi-layer applications)
- Smooth or gravel surface built-up roof (re-roof applications)

PACKAGING & COVERAGE

TRI-BUILT® One Step Foamable Adhesive is available in the following package:

CARTRIDGE SIZE	CARTRIDGES/CASE	MIXING TUBES/CASE
1.5 Liter	4	6

Covers 600 sq ft (56m²) per case. Coverage estimates indicate total square feet of insulation attachment per case. Rates are based on an application pattern of 4 ribbons, 1/4" to 1/2" (0.6cm to 1.3cm) wide, 12" (30cm) o.c. per 4' x 4' (1.2m x 1.2m) insulation board.

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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 TRI-BUILT® One Step Foamable Adhesive over a smooth or sanded APP roof surface additional surface preparation is required.

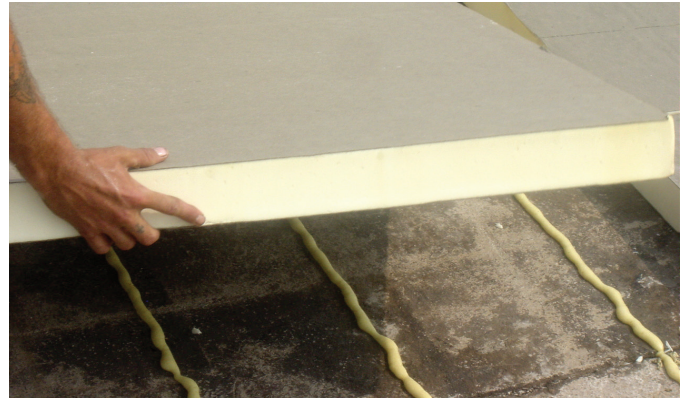
SURFACE PREPARATION

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 primer prior to the application of TRI-BUILT® One Step Foamable Adhesive. For applications over fresh and/or non oxidized asphalt, coal tar or plastic film membranes, additional surface preparation is required prior to the use of TRI-BUILT® One Step Foamable Adhesive.

APPLICATION

1. With a utility knife, remove the molded tips at the grove from the mixing head.
2. Attach a mixing nozzle to the threaded mixing head.
3. Place the cartridge into the appropriate applicator.
4. Apply TRI-BUILT® One Step Foamable Adhesive directly to the substrate, using a ribbon pattern. Space 1/4" to 1/2" wide beads, 12" o.c., to achieve proper coverage rates for insulation attachment. As adhesive is applied, immediately place insulation board into wet adhesive. Do not allow the adhesive to skin over. Eliminate uneven surfaces to ensure positive contact between the insulation board and substrate.
5. Un-used material can be applied at a later date by simply plugging the cartridge (with provided half moon plugs) and using a new mixing nozzle.



STORAGE

Keep temperature of contents between 65°F-85°F (18°C-29°C) 24 hours prior to use. Do not store in direct sunlight or temperatures higher than 90°F (32°C).

