

Technical Data Sheet: IB Rapid Set Insulation Adhesive

Product Description: IB Rapid Set Insulation Adhesive is a highly elastomeric, one-step, all-purpose, foamable adhesive that contains no solvents and sets in minutes. Our One Step 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. IB Rapid Set 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 or properly prepared gravelled built-up roof surfaces.

Advantages:

- No damage to structural decking
- No noise associated with drilling
- Saves labor
- Easy to apply, no mixing
- Remains flexible
- Eliminates minor surface irregularities
- No flame hazard
- No unsightly fasteners on exposed decks
- Eliminates fastener back-out
- No fastener or deck corrosion
- High strength
- No temperature restrictions
- Absorbs stresses
- Low odor
- 100% solids

Approved Insulations:

- HD Wood Fiber
- Isocyanurate
- Perlite - minimum 3/4" (1.9cm)
- Polystyrene
- Gypsum cover board
- Asphaltic cover boards

Approved Substrates:

- Gypsum
- Cementitious wood fiber
- Lightweight insulating concrete
- Wood or steel
- Concrete
- Modified bitumen membranes and base sheets (sanded or granule surface)
- Approved insulations (multilayer applications)
- Smooth or gravel surface built-up roof (re-roof applications)

Surface Preparation: All work surfaces should be clean, dry, 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 un-even. For re-cover applications apply Weather-Tite Primer to all substrates prior to the application of IB Rapid Set Insulation Adhesive.

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 high temperatures 90°F (32°C) and higher.



Average Coverage Per **Unit with Multi Bead Applicator (**4 cartridges, optimum conditions, smooth surfaced substrate)		
Field Zone	4 ribbons (12" oc)	500-600 sq ft per case
Perimeter Zone	6 ribbons (6" oc)	250-300 sq ft per case
Corner Zone	8 ribbons (3" oc)	125-150 sq ft per case

Limitations:

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

Packaging: 4-1.5L Cartridges/Case; 600 sq.ft. (55.74m²)/Case

Colors: Light Amber

- Application:**
1. With a utility knife, remove the molded tips at the groove from the mixing head.
 2. Attach a IB Rapid Set Insulation Adhesive mixing tip to the threaded mixing head.
 3. Place the cartridge into the appropriate One Step applicator.
 4. Apply IB Rapid Set Insulation Adhesive directly to the substrate, using a ribbon pattern. Space 1/4" - 1/2" (0.635cm - 1.27cm) wide beads, 12" (30cm) 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 un-even 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 cartridges (with provided half moon plugs) and using a new mixing tip.