



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-Insulation Adhesive G

P/N: 010-0050

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-Insulation Adhesive G is a cold-applied, highly elastomeric, pre-measured binary, all-purpose, foamable adhesive that contains no solvents, and sets in minutes. ERS-Insulation Adhesive SF is ideal for projects sensitive to solvent odor or when the use of mechanical fasteners is not practical.

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.

RECOMMENDED USES:

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

ADVANTAGES:

- Easy to apply, no mixing
- Asbestos free
- No temperature restriction
- Eliminates minor surface irregularities
- Maintains flexibility and absorbs stresses.
- No damage to structural decking
- Eliminates fastener back-out
- No noise associated with drilling
- No unsightly fasteners on exposed decks
- No fastener or deck corrosion
- Saves labor
- High strength
- Low odor
- No flame hazards
- 100% solids

ORDERING INFORMATION:

ERS-Insulation Adhesive G is available in cases of four 1.5 gallon binary cartridges.

STORAGE:

Shelf life is 12 months in original unopened containers when properly stored. 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.

COVERAGE:

4-1.5L cartridges per case; covers 600 sq.ft.(55.74m²) per case. Coverage estimates indicate total sq.ft. of insulation attachment per case. Rates are based on an application pattern of 4 ribbons, ¼" to ½" (0.635cm to 1.27cm) wide, 12"(30cm) o.c. per 4' x 4' (1.2m x 1.2m) insulation board.

LIMITATIONS:

- Do not apply to a wet surface
- 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 ERS-Insulation Adhesive G over a smooth or sanded APP roof surface Weather-Tite Surface Treatment will be required.

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 uneven. For re-cover applications apply ERS-301 low VOC asphalt primer, or ERS-Clear Primer, water-based primer, to all substrates prior to the application of ERS-Insulation Adhesive G.

APPROVED INSULATIONS AND SUBSTRATES:

- HD wood fiber
- Isocyanurate •
- Perlite - minimum 3/4" (1.9 cm)
- Polystyrene
- Gypsum cover board
- Asphaltic cover boards
- 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)

PRODUCT APPLICATION:

1. With a utility knife, remove the molded tips at the groove from the One Step mixing head.
2. Attach a One Step mixing tip to the threaded mixing head.
3. Place the cartridge into the appropriate One Step applicator.
4. Apply Weather-Tite One Step Foamable Adhesive directly to the substrate, using a ribbon pattern. Space 1/4" to 1/2" (0.635cm to 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 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 cartridges (with provided half moon plugs) and using a new One Step mixing tip.

CLEANUP:

Remove uncured materials with a clean soft rag, if material has set, scrape off material with a flat sharp tool (utility knife, sharp putty blade, etc.). Remove all used containers and wrappings from the site. Dispose in approved location and manner.

PHYSICAL PROPERTIES:

Characteristics	
Physical State	Liquid
Color	Light Amber
Viscosity	3,200 – 11,000 cPs
Flash Point	>350°F
Tack Free Setup	4 – 9 minutes

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