



TRI-BUILT® PG-1 EF ECO INSULATION ADHESIVE

DESCRIPTION

TRI-BUILT® PG-1 EF ECO is a two component, low rise, solvent-free, polyurethane foamable adhesive that contains no high Global Warming Potential (GWP) propellants. Application is quick & easy and adhesive sets in minutes resulting in significant labor savings for the contractor. TRI-BUILT® PG-1 EF ECO is packaged in dual pressurized canisters and dispensed utilizing a disposable adhesive applicator assembly and twenty-five-foot hoses. TRI-BUILT® PG-1 EF ECO does not contain HFC-134a or other high Global Warming Potential (GWP) propellants. This product is approved for use in all US and Canadian markets that regulate ozone-depleting substances.

BASIC USE

TRI-BUILT® PG-1 EF ECO is designed for use as an adhesive for bonding approved roof insulations to a building's structural roof deck, base sheets, other insulation board stock, and smooth or gravel built-up asphaltic roof surfaces. TRI-BUILT® PG-1 EF ECO is also designed for fleeceback membrane attachment in ribbon or spatter applications. It is dispensed in 1" – 1.5" (2.5cm – 3.8cm) wide beads or in a spatter application using our proprietary dual-purpose static mixer. Our unique design allows both ribbon and spatter applications from a single static mixer. TRI-BUILT® PG-1 EF ECO expands and rises to fill minor surface irregularities.

APPROVED INSULATIONS AND SUBSTRATES

- Polyisocyanurate (PolyISO)
- Expanded Polystyrene (EPS) & Extruded Polystyrene (XPS)
- Mineral wool
- Gypsum cover board
- Asphaltic cover boards
- Cementitious wood fiber
- HD wood fiber
- HD Polyiso cover board
- Concrete
- Gypsum roof deck
- Wood or steel
- Lightweight insulating concrete
- Modified bitumen membranes and base sheets (sanded or granule surfaced)
- Approved insulations (multi-layer applications)
- Smooth or gravel surface asphaltic built-up roof (re-roof applications)

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

CAUTION: All statements and technical information in this document are based on tests or data that TRI-BUILT® believes is reliable. However, TRI-BUILT® does not warrant or guarantee the accuracy or completeness of this information. The user has sole knowledge and control of factors that can affect the performance of TRI-BUILT'S products in the user's intended application. It is the user's responsibility to conduct tests to determine the compatibility of TRI-BUILT'S product with the design, structure, and materials of the user's end product and the suitability of TRI-BUILT'S product for the user's method of application and intended use. The user assumes all risk and liability arising out of such use.



FEATURES

Contains no CFC or HCFC, high global warming potential propellants

Proprietary spray nozzle allows for multiple applications through a single static mixer

VOC content <50 g/L

No extra equipment required

Faster and easier application than using mechanical fasteners

Solvent free formula

Eliminates Thermal Bridging

BENEFITS

Using no high GWP propellants ensure TRI-BUILT® PG-1 EF ECO meets all current national and state regulations.

TRI-BUILT® PG-1 EF ECO can be used for spatter or ribbon application depending on the need, increasing productivity and limiting products needed on the job.

Ultra low VOC content formula is approved for use in all OTC and SCAQMD regulated regions.

Applicator, hose, and all accessories needed are included with each canister set, ensuring there is no extra equipment or additional steps needed.

TRI-BUILT® PG-1 EF ECO eliminates potential for roof deck corrosion and disruption of building occupants due to fastening.

TRI-BUILT® PG-1 EF ECO contains no solvents, making it suitable for use with EPS and XPS insulation in addition to PolyISO.

Using TRI-BUILT® PG-1 EF ECO in lieu of mechanical fasteners eliminates thermal bridging and ensures maximum R-Value.

SAFETY

Prior to working with TRI-BUILT® PG-1 EF ECO or any adhesive product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

TRI-BUILT® PG-1 EF ECO INSULATION ADHESIVE



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 re-cover applications over gravel surfaced BUR apply TRI-BUILT® Universal Primer prior to the application of TRI-BUILT® PG-1 EF ECO. For applications over fresh and/or non-oxidized asphalt, coal tar or plastic film membranes, Millennium Surface Treatment may be required prior to the application of TRI-BUILT® PG-1 EF ECO.

STORAGE

Keep temperature of contents between 60°F to 90°F (16°C to 32°C). Bring temperature of material to approximately 70°F (21°C) for approximately 24 hours before use. Do not store in direct sunlight or above 95°F (35°C). Store canisters valve side up. **KEEP FROM FREEZING!** TRI-BUILT® PG-1 EF ECO has a shelf life of 12 months when stored properly.

COLOR

Part 1 - Amber
Part 2 - Clear

Foamed Adhesive will appear as a homogeneous light amber color with no streaking or marbling.

PACKAGING

TRI-BUILT® PG-1 EF ECO is available in the following packages:

Package Size	Part #	Canisters/Pallet
Part 1, 49# Canister	PG-SPECO-A01TB	36
Part 2, 43# Canister	PG-SPECO-B01TB	36

Part 1 and Part 2 canister and packaged in individual labeled boxes. The Part 1 box will contain one applicator, hoses, four dual-purpose static mixers, a wrench, petroleum jelly and a set of gloves.

LIMITATIONS

- Do not apply to wet surface.
- Not recommended for use with insulation boards larger than 4'x4' (1.2m x 1.2m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- Do not apply when temperatures are below 40°F (4°C).

PROPERTY

VALUE

Skin Time*	5-8 Minutes
VOC Content	<50 g/L
Coverage Rate (Ribbon Application)	Up to 35 squares per set**
Coverage Rate (Spatter Application)	Up to 24 squares per set**
Shelf Life	12 months

*Note conditions - i.e. Standard Temperature/Humidity Conditions (~70F / 50% RH)

**Coverage rate estimates indicate total square feet of insulation attachment per kit. Rates are based on an application pattern of 4 (four) 1" – 1.5" (2.5cm – 3.8cm) ribbons spaced 12" (30cm) o.c. per 4' x 4' (1.2m x 1.2m) insulation board. Coverage rates may be lower when used over irregular surfaces.

APPROVALS



WARRANTY: TRI-BUILT® warrants its products to conform to TRI-BUILT®S specifications at the time of sale when tested according to TRI-BUILT® standards. If a product is proven to be defective when tested according to TRI-BUILT® standards, TRI-BUILT® will, at its option, refund the purchase price or replace or repair the defective product. THIS LIMITED WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST TRI-BUILT® AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall TRI-BUILT® be liable for any special, incidental, consequential, or punitive damages arising out of any claims whether based on negligence, contract, warranty, strict liability or otherwise.