

Millennium PG-1

Product Description:

Millennium PG-1 Low Viscosity Insulation / Fleeceback Membrane Adhesive is a two component, essentially VOC free, all purpose, low rise, polyurethane foamable adhesive that contains no solvents and sets in minutes.

Packaging:

4 - 1.5 L cartridges per case
5 gal box- Part A & B

Features:

- Non-penetrating attachment system
- Low VOC
- Reduces construction noise
- Rapid application

Board Application:

Refer to IB Specifications and Construction Details for additional installation instructions. PG-1 adhesive can be used to install IB roof insulation and cover boards over approved dry, clean substrates. Installation over existing smooth or gravel surfaced asphalt roofs (gravel removed) requires additional preparation.

Membrane Application:

Refer to IB Specifications and Construction Details for additional installation instructions. PG-1 adhesive can be used to install IB fleeceback membrane to a variety of substrates including insulation boards, cover boards, structural concrete and smooth or granulated modified bitumen roofs.

Coverage:

- Approximately 400 - 600 sq. ft. per case (1/2" to 3/4" wide bead @ 12" o.c.)
- Approximately 2,000 - 2,500 sq. ft. per A & B set (1/2 to 3/4 wide bead @ 12" o.c.)

Substrates¹:

- Structural concrete
- Polyisocyanurate
- Gypsum
- Gypsum Cover Board
- Lightweight Insulating Concrete
- Cementitious wood fiber
- Plywood
- Smooth surfaced BUR (weathered)
- Smooth and Granular surface SBS Modified Bitumen
- Granular APP Modified Bitumen

¹Substrates and all surfaces must be clean, dry and free of dirt, dust, debris, oils, loose and/or embedded gravel. IB Roof Systems recommends insulation adhesion pull tests in accordance with ANSI/SPRI IA-1 prior to beginning work to confirm acceptable uplift resistance.



Storage & Handling:

- Store between 45°F and 95°F. Protect from freezing
- Product temperature prior to application: 70° - 90°F

Approvals:

Underwriters Laboratories, FM Approvals, Miami-Dade County and Florida Building Code Product Approvals

Limitations:

- All surfaces to be bonded must be clean, dry and free of any debris and smooth with no surface contamination
- Not recommended for use with insulation boards larger than 4'x4'
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface
- Ambient and surface temperature: 40°F and rising
- Not recommended for use over coal-tar existing roofs
- Millennium Universal Primer required over prepared (spudded or swept) gravel surfaced asphalt BUR, or smooth / granulated BUR or modified bitumen membranes.
- Millennium Surface Treatment primer required over non-oxidized (fresh / glazed) asphalt or smooth APP membranes.

Weight	
Part A (5 gal. box)	53 lbs.
Part B (5 ga. box)	45 lbs.
Case (4 - 1.5 L cartridges)	18.5 lbs.