POLYGLASS® LRF M-PG
LOW RISE FOAM INSULATION ADHESIVE

PRODUCT DESCRIPTION

Polyglass LRF M-PG is a two-component, low rise, all purpose polyurethane foamable adhesive designed to adhere insulation boards and cover boards to a variety of substrates and roof decks. Part A and Part B of Polyglass LRF M-PG are each packaged in 5 gallon bag in a box. Both parts are equally mixed and ready to dispense via low pressure pump cart.

USES

- Adhere various types of insulation boards in low slope systems.
- New and re-roof as well as recover applications over properly prepared modified or BUR roofs.
- When mechanically attaching is not desired.

FEATURES AND BENEFITS

- Essentially VOC free.
- Eliminating fasteners minimizes deck penetrations, deck corrosion and thermal bridging.
- Low odor make it suitable for occupied buildings.
- Increased wind uplift resistance.
- Fast setting adhesive increases installation speed.

COVERAGE*

Product	Maximum Yield 0.5" bead, 12" OC
5 Gal Box (2 Boxes/Set)	25–30 Squares/Set of Boxes

*NOTE: Rates are based on an application pattern of 4 (four) ½" - ¾" (1.3 cm – 1.9 cm) ribbons spaced 12" (30 cm) o.c. per 4' x 4' (1.2 m x 1.2 m) insulation board. A ½"–¾" (1.3 cm–1.9 cm) wide uncured adhesive bead will produce a 2"–3" (5.1 cm–7.6 cm) wide cured adhesive bead that will rise approximately ¾"–1" (1.9 cm–2.5 cm) above the substrate. Coverage rates may be lower when used over irregular surfaces and will vary depending on roughness.

APPLICATION INSTRUCTIONS

Surface Preparation:

- Surfaces to receive adhesive must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products. Contact Polyglass Technical Services regarding any unusual substrates.
- On existing roofs, inspect roof substrate condition. Blisters, buckles, and raised edges should be cut out and repaired for a smooth surface.
- Check all flashings, edges, drains, valleys and vents and repair as needed.

Application:

- Open the box utilizing the convenient tear strip and remove the plastic bladder from the box utilizing the easy-lift handle. Remove cap on plastic bladder and replace by attaching the quick connect fitting supplied in each box. When using the low pressure pump cart, connect and operate the pump according to manufacturer's instructions.
- Utilize the empty cardboard container to capture adhesive predispense or recycle empty cardboard containers. The important aspect of predisposing the product is to ensure that the two parts are being mixed well in the nozzle.
- Apply Polyglass LRF M-PG directly to the substrate using a ribbon pattern. Space ½"–¾" (1.3 cm–1.9 cm) wide beads 12" (30 cm) on center to achieve proper coverage rates for standard insulation attachment. Note: proper bead placement will be determined by your OEM Roof System Manufacturer's specifications.
- Once Polyglass LRF M-PG is applied, allow the foam to begin rising and lighten in color slightly before placing the insulation board into the adhesive before the adhesive has skinned over. Eliminate uneven surfaces to ensure positive contact between the insulation boards, adhesive, and substrates.
- Plastic bladders are designed for easy visibility to ensure adhesive maintains a 1:1 ratio. If material is not consumed at a 1:1 ratio stop application and check for blockage in hose or dispensing manifold.
- Unused material can be applied at a later date. Properly clean and grease the dispensing wand and pump unit according to the manufacturer's recommendations.

APPLICABLE STANDARDS

- UL Classified – File #R14571
- FM Approved
- Florida Building Code
- Miami-Dade County Approved

PACKAGING

- 5 Gal (18.9 L) Box, Part A
- 5 Gal (18.9 L) Box, Part B
  - 18 sets per pallet

EQUIPMENT

- Low Pressure Pump Cart (not included)

PRODUCT CODES

- PGLRFM5A Part A Box
- PGLRFM5B Part B Box

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Limitations:

- Do not apply to wet or damp surfaces.
- Not recommended for use with insulation boards larger than 4' × 4' (1.2 m × 1.2 m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- Must be applied when both ambient and substrate surface temperatures are at 25°F (-4°C) and rising provided the adhesives are properly stored.

Storage and Cleaning:

- Product shelf life: 18 months from date of manufacture when properly stored.
- Store in a dry area. Optimum chemical storage temperature is 45–95°F (7–35°C).
- Bring temperature of material to approximately 70°F (21°C) for a minimum of 48 hours before use.
- Excessive heat can cause premature aging of components resulting in a shorter shelf-life.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Do not allow product to freeze. Discard if frozen.
- Do not store in direct sunlight or above 95°F (35°C).
- Store boxes valve side up.

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
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	(954) 233-1330
Customer Service:	(800) 222-9782
Technical Service:	(866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us

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