

POLYGLASS® LRF M

LOW RISE FOAM INSULATION ADHESIVE

PRODUCT DESCRIPTION

Polyglass LRF M is a highly elastomeric, all-purpose, foamable adhesive designed to adhere insulation boards and cover boards to a variety of substrates and roof decks. Polyglass LRF M is packaged in a 1.5 liter cartridge and is ready to dispense via a battery powered applicator.

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 mechanical fastening 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
- Cartridges and hand-held applicator are ideal for small to medium sized roofs or tough to reach areas.

COVERAGE*

Product	Maximum Yield 0.5" bead, 12" OC
1.5 L Cartridge (4 Cartridges/Case)	6 Squares/Case

Covers 600 ft² (56 m²) per case. Coverage estimates indicate total square feet of insulation attachment per case. Rates are based on an application pattern of 4 ribbons, ¼" to ½" (0.6 cm to 1.3 cm) wide, 12" (30 cm) o.c. per 4' x 4' (1.2 m x 1.2 m) insulation board. 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.
- For applications over gravel surfaces removal of loose gravel and priming is required prior to the application.
- For applications over fresh and/or non-oxidized asphalt, smooth or sanded APP membranes, coal tar or plastic film membranes, surface treatment may be required.
- Contact your Polyglass Technical Services for more information.

Cartridge Application:

- Remove snap off tip from the Polyglass LRF M mixing head.
- Attach a Polyglass LRF M mixing nozzle to the threaded mixing head.
- Place the cartridge into the appropriate applicator. Caution: Adhesive should be dispensed immediately after loading the cartridge into the dispensing tool to prevent adhesive from foaming and curing in the mixing tip.
- Apply Polyglass LRF M directly to the substrate, using a ribbon pattern. Space ½"-¾" (1.3 cm–1.9 cm) wide beads, 12" (30 cm) 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.
- Unused material can be applied at a later date simply removing the used static mixing tip, wiping the neck of the cartridge clean and plugging the cartridges with provided snap off tips.
- Caution: Polyglass LRF M reacts quickly in warm, humid climates. Roofers must set insulation boards quickly in these conditions.

APPLICABLE STANDARDS

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



PACKAGING

- 1.5 L Cartridge
 - 4 cartridges per case

EQUIPMENT

- Hand-Held Battery Powered Applicator (not included)

PRODUCT CODES

- PGLRFM



www.polyglass.us

POLYGLASS® LRF M

LOW RISE FOAM INSULATION ADHESIVE

Limitations:

- Do not apply to wet or damp surfaces.
- Not recommended for use with insulation boards larger than 4' x 4' (1.2 m x 1.2 m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- For applications on smooth or sanded APP membranes, surface treatment may be required. Contact your Polyglass Technical Services for more information.

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 65–85°F (18–29°C)
- Bring temperature of material to approximately 70°F (21°C) 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 temperatures higher than 90°F (32°C).

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.
1111 West Newport Center Drive
Deerfield Beach, FL 33442

www.polyglass.ca

General Line: (888) 410-1375

(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



www.polyglass.us