GAF LRF Adhesive M Canister

Low-Rise Foam Adhesive

Description:

The GAF LRF Adhesive M Canister is a two-component, low rise, solvent-free, polyurethane foamable adhesive that contains low GWP (global warming potential) propellants. It's designed to adhere most roof insulations and cover boards to compatible substrates, as well as to adhere fleece-back single-ply membranes.*

The canister dispenses from two pre-pressurized, disposable cylinders using a two-component, disposable adhesive applicator and two 25-ft. hoses. Application is quick and easy, and adhesive sets in minutes — helping improve installation productivity for the contractor.

Features and Benefits:

- Low-odor, ideal for occupied buildings
- Easy-to-use portable canister
- Low-VOC (after mixing using SCAQMD Method 304)
- Allows for faster membrane installation than traditional GAF bucket and roller adhesives
- No expensive equipment or maintenance required
- No external power source necessary, so no noisy generators
- Provides excellent wind-uplift resistance
- Helps reduce thermal bridging by expanding and rising to fill minor surface irregularities

Compatible Roof Decks and Substrates:**

- Structural concrete
- Modified bitumen membranes and base sheets (sanded or granule-surfaced)*
- Smooth or gravel surface built-up roof (re-roof applications)
- Lightweight insulating concrete
- Cementitious wood fiber
- Gypsum

Compatible Roof Insulations and Cover Boards:

- Polyisocyanurate (flat 4'x4' or tapered)
- HD (High-Density) polyiso cover board (4'x4')
- High-density wood fiber
- Gypsum cover boards (4'x4' or 4'x8')
- Most extruded polystyrene (XPS) (check with manufacturer for compatibility)*
- Most expanded polystyrene (EPS) (check with manufacturer for compatibility)*
- Asphaltic cover boards

Codes and Compliance:

- FM Approved. Refer to RoofNav.com for actual assemblies.
- UL Classified. Refer to TGFU.R1306 under UL Product iQ.

For additional information, contact GAF at 1-800-766-3411 or designservices@gaf.com.

FM APPROVED

CLASSIFIED UL

Storage and Handling:

- Shelf life of 12 months from the date of manufacture when stored in upright position in original, unopened containers at 60°F – 90°F (15.6°C – 35°C)
- Storage temperatures above the recommended range will shorten shelf life
- Store in a covered, secure location
- Keep from freezing
- Product stored below 60°F (15.6°C) must be given sufficient time (minimum 24 hrs.) for the adhesive to warm to minimum 70°F (21.1°C) prior to use
- Do not store in direct sunlight or temperatures above 95°F (35°C)

** To ensure substrate compatibility, adhesion testing is recommended. For instructions on proper usage of this product, please refer to the EverGuard® TPO/PVC Adhered Roofing System Overview & General Requirements Manual.*

*** Coverage rates may vary by substrate. Please refer to the adhered installation manual for further information.*

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TYPICAL PROPERTIES/CHARACTERISTICS/PACKAGING

	LRF Adhesive M Canister
Ambient/Substrate Install Temperature	40°F (4°C) and rising
Install Chemical Temperature	Tanks must be above 70° F (21.1°C)*
Storage Temperature	Cool, dry 60°F – 90°F (15.6°C – 35°C)
Coverage Rate Per Case/Set at 12" (305 mm) o.c. to Polyiso and Spatter Pattern to Fleece-back TPO/PVC Membrane*	Per Set: Up to 24 sq. for fleece-back TPO/PVC membrane*** Up to 35 sq. for insulation
Tack/Set-up Time @ approx. 70° F (21.1° C)	3 – 5 min. tack time / 10 – 12 min.** set-up time NOTE: Tack/set-up time is dependent upon ambient temperature
Dispensing Unit	Dual Canister (Part A & Part B) with supplied hose and gun and tip
Packaging	Part A Canister (Includes 25 ft. [6.35 m] hose/gun/4 tips) Part B Canister
VOC Content	< 50 g/L (after mixing using SCAQMD Method 304)
Weight	Part A Canister 49 lb. (22.23 kg) Part B Canister 43 lb. (19.50 kg)
Shelf Life	12 months from date of manufacture

* Prior to application, store for approximately 36 – 72 hours at room temperature.

** Values stated are approximate and may vary based on ambient temperature. These values are not guaranteed and are provided solely as a guide.

*** When installed in accordance with GAF's application instructions. Results may vary depending upon application temperature range, porosity of substrate and insulation boards, type of substrate, bead size, etc. Visit gaf.com for the specific application instructions.

Ribbon Application (Insulation)*			Spatter Application* (Fleece-Back Membrane)
4" (102 mm) on-center	6" (152 mm) on-center	12" (305 mm) on-center	3 lb. of adhesive per 100 sq. ft. of area
1,000 sq. ft. coverage*	1,500 sq. ft. coverage*	3,500 sq. ft. coverage*	2,400 sq. ft. coverage*

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EXAMPLES OF COVERAGE FOR SPATTER PATTERNS

Not Enough Coverage

Good Coverage

Too Much Coverage

Good coverage recommendations are based on a typical application of 3 lb. (1.36 kg) of adhesive applied per 100 square feet of area.

EXAMPLES OF PROPER ADHESIVE RATIO FOR BEAD APPLICATIONS

Good Ratio of Part A: Part B
Greenish gray in color. Low-rise, tacky foam after cure.

Too Much Part A
Slow to rise/no reaction. Yellow in color. Brittle foam after cure.

Too Much Part B
Very fast reaction/skin over. Bluish gray in color. Soft, flexible foam after cure.

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