

# 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](mailto:designservices@gaf.com).



## 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](http://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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