

Distributed by:

# GAF OlyBond500<sup>®</sup> Canisters

Insulation Adhesive



## Description:

OlyBond500<sup>®</sup> Canisters insulation adhesive adheres a variety of insulation and cover board stocks to most roof substrates in both new and reroof applications, including jobs that require multiple insulation layers. The two-component, low-rise polyurethane foam canister system also secures fleece-back single-ply membranes.

## Features and Benefits:

- Low-odor, low-VOC; uses a low GWP (global warming potential), HFO blowing agent
- Fast start-up and shutdown to help boost productivity
- Includes a disposable 25-ft. (7.62 m) hose and gun assembly, six mixing tips, and three 17-in. (431.8 mm) tip extenders for a wide-reach radius
- Gun assembly trigger lock prevents accidental dispensing
- Does not require any additional application equipment

## Application:

- Can adhere up to 24 squares of fleece-back membrane and up to 35 squares per set for insulation attachment, 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.

- Can be applied in temperatures ranging from 40°F to 100°F (4°C to 38°C)

## Surfaces (properly evaluated and prepared\*):

### Roof decks and substrates

- Structural concrete
- Gypsum
- Cementitious wood fiber plank
- Lightweight insulating concrete
- Steel (22 gauge or thicker with approved cross section)
- Plywood (5/8" [15.9 mm] thick min.)
- Smooth and granule-surfaced BUR
- Smooth and granule-surfaced modified bitumen
- Existing sprayed-in-place polyurethane foam
- Base sheets
- Most vapor barriers (including asphaltic and fleece-top)

### Roof insulation and cover board

- Polyisocyanurate and HD polyisocyanurate (4 ft. x 4 ft. [13.1 m x 13.1 m] boards only)
- Expanded polystyrene
- High-density wood fiber
- Gypsum cover boards
- Perlite
- Certain extruded polystyrene

## Codes:

■ Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.	
■ FM Approved per Approval Standard 4470. Refer to RoofNav.com for specific assemblies.	
■ Miami-Dade County Product Control Approved	
■ State of Florida Approved	FBC

## Optional Accessories:

- Gun and Hose Replacement Kit — 5 lb. (2.27 kg)
- Bag of Ten Mixing Tips — 3 lb. (1.36 kg)
- Bag of Ten Mix Tip Extension Tubes — 2 lb. (0.91 kg)

For safety information, refer to the Safety Data Sheet at [gaf.com](http://gaf.com)

For proper set up, storage, handling, and disposal of this product, refer to product label.

THIS PRODUCT IS FOR PROFESSIONAL AND OUTDOOR USE ONLY. KEEP ALL ADHESIVE CANISTERS OUT OF REACH OF CHILDREN.

OlyBond<sup>®</sup> is a registered trademark of OMG, Inc.

\* For complete substrate preparation and application instructions for GAF guarantee-eligible systems, please consult the applicable system installation and specification manual available at [gaf.com](http://gaf.com). Not all uses of this adhesive with these substrates will comply with applicable codes. For installations that comply with applicable codes, refer to agency listings.



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## PROPERTIES/CHARACTERISTICS/PACKAGING:

OlyBond500 <sup>®</sup> Canisters Insulation Adhesive	
Ambient/Substrate Install Temperature	40°F – 100°F (4.4°C – 38 °C)
Product Install Canister Temperature	70°F – 90°F (21.1°C – 35°C) <sup>1</sup>
Storage Conditions	Cool, dry 60°F – 90°F (16°C – 32°C)
Coverage Rate per Case/Set at 12" (305 mm) o.c. to Insulation/ Cover Board & Spatter Pattern to Fleece-Back TPO/PVC Membrane (See below)	Up to 24 Sq. for Fleece-Back Membrane <sup>2</sup> Up to 35 Sq. for Insulation <sup>2</sup>
Tack Time/Set-Up Time @ approx. 70°F (21.1°C)	1 – 5 mins/10 – 15 mins <sup>3</sup>
Dispensing Unit	Dual Canister (Part 1 & Part 2) with supplied hose and gun
Packaging	Part 1 Canister (Includes 25 ft. Hose/Gun/4 Tips/3 Tip Extenders) Part 2 Canister
VOC Content	25 grams/L (mix using US EPA Test Method 24)
Weight	Part 1 Canister 48 lb. (21.77 kg) Part 2 Canister 44 lb. (19.96 kg)
Shelf Life	16 months from date of manufacture in unopened containers

<sup>1</sup> Prior to application, store for approx. 36 to 72 hours at room temperature.

<sup>2</sup> 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.

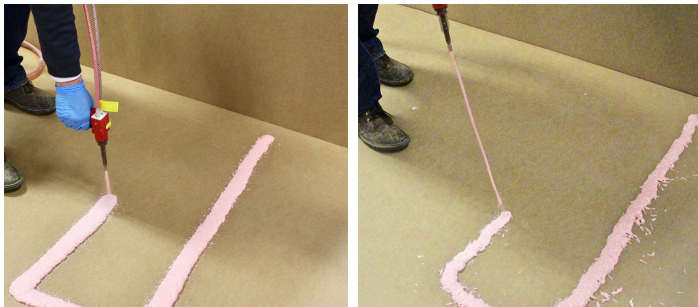
<sup>3</sup> Values stated are approximate and may vary based on ambient temperature. These values are not guaranteed and are provided solely as a guide.

## RIBBON SPATTER APPLICATION COVERAGE<sup>4</sup>

Ribbon Application (Insulation)			Spatter Application <sup>4</sup> (Fleece-Back Membrane)
4" (102 mm) on-center	6" (152 mm) on-center	12" (305 mm) on-center	2.83 lb. (1.36 kg) of adhesive per 100 sq. ft. of area
1,000 sq. ft. (92.9 sq. m) coverage	1,500 sq. ft. (139.35 sq. m) coverage	3,500 sq. ft. (325.15 sq. m) coverage	2,400 sq. ft. (222.96 sq. m) coverage

<sup>4</sup> 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.

## EXAMPLES OF PROPER ADHESIVE RATIO FOR BEAD APPLICATIONS FOR INSULATION:



Without tip extension

With tip extension

## EXAMPLES OF PROPER ADHESIVE RATIO FOR BEAD APPLICATIONS:

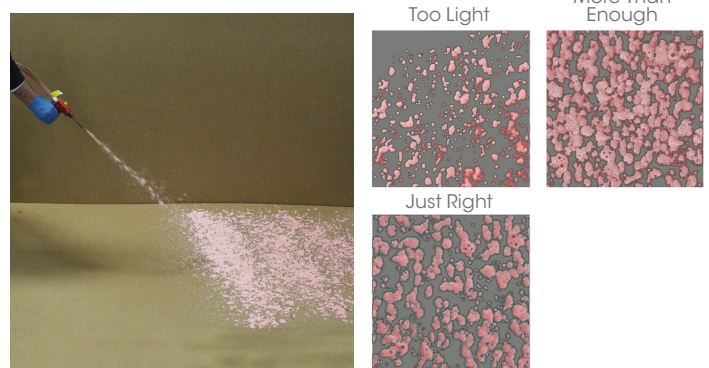


A - On ratio

B - Too much Part 1

C - Too much Part 2

## EXAMPLES OF PROPER ADHESIVE RATIO FOR FLEECE-BACK MEMBRANE:



Illustrations are provided for reference only.

For additional information, contact GAF at 877-423-7663 or [designservices@gaf.com](mailto:designservices@gaf.com).

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