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Description:

OlyBond500 Canisters™ 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.

Available in two convenient sizes: Small (SM) and Large (LG)

- **SM kits** — approximately 19 lb. (8.6 g) per canister/39 lb. (17.7 kg) per complete kit — ideal for repair work or small jobs
- **LG kits** — Part 1 – 48 lb. (21. kg) Part 2 – 44 lb. (20 kg),/approximately 100 lb. (45.4 kg) per complete kit

Features and Benefits:

- Low-odor, low-VOC; uses a low GWP (global warming potential), propellant no HFC
- Fast start-up and shutdown to help boost productivity
- Gun assembly trigger lock helps prevent accidental dispensing
- Does not require any additional application equipment
- Accessories Included:
 - **LG:** Disposable 25-ft. (7.62 m) hose and gun assembly
 - **SM:** Disposable 10-ft. (7.62 m) hose and gun assembly
- **BOTH:** Four mixing tips, and three 17-in. (431.8 mm) tip extenders for a wide-reach radius

Application:

When installed in accordance with GAF application instructions:

- **LG:** Can adhere up to 24 squares of fleece-back membrane and up to 35 squares per kit for insulation attachment
- **SM:** Can adhere up to 7 squares of fleece-back membrane and up to 10 squares per kit for insulation attachment

Results may vary depending upon application temperature range, porosity of substrate and insulation boards, type of substrate, bead size, etc.

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 and Compliance:

- **FM Approved per Approval Standard 4470.** Refer to RoofNav.com for specific assemblies.



- **Miami-Dade County Product Control Approved**



- **Classified by UL in accordance with ANSI/UL 790.** Refer to UL Product iQ for specific assemblies.



- **State of Florida Approved**

Optional Accessories:

- **Gun and Hose Replacement Kit** — 5 lb. (2.27 kg) (LG Canisters only)
- **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

For proper set up, storage, handling, and disposal of this product, refer to the product instructions included in the box or at gaf.com.

NOTE: Contains hydrofluoroolefin (HFO).

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

OlyBond® 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. 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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GAF

OlyBond500CanistersTM

Adhesive

PROPERTIES/CHARACTERISTICS/PACKAGING:

OlyBond500 [®] Canisters 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) ¹
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)	LG: Up to 24 sq. for Fleece-back Membrane ² Up to 35 sq. for Insulation ² SM: Up to 7 sq. for Fleece-back Membrane ² Up to 10 sq. for Insulation ²
Tack Time/Set-Up Time @ approx. 70°F (21.1°C)	1 – 5 mins/10 – 15 mins ³
Dispensing Unit	Dual Canister (Part 1 & Part 2) with supplied hose and gun applicator
Packaging	LG: Two boxes: ■ Part 1 Canister (Includes 25 ft. Hose/Gun/4 Tips/3 Tip Extenders) ■ Part 2 Canister SM: Single box: ■ Part 1 & Part 2 Canister kit (includes 10 ft. (3 m) hose and gun/4 tips/3 tip extenders)
VOC Content	25 grams/L (mix using US EPA Test Method 24)
Weight	LG: Part 1 + Part 2 Canister Kit: 92 lb. (41.73) SM: Part 1 + Part 2 Canister Kit: 39 lb. (17.69 kg)
Shelf Life	16 months from date of manufacture in unopened containers

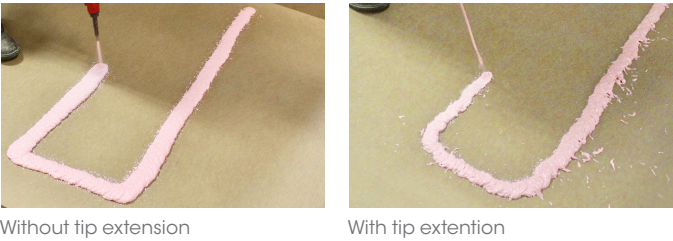
¹ Prior to application, store for approx. 36 to 72 hours at room temperature.
² When installed in accordance with GAF's application instructions. Results may vary depending upon application temperature range, porosity of substrate and insulation boards, type of substrate, bead size, etc.
³ Values stated are approximate and may vary based on ambient temperature. These values are not guaranteed and are provided solely as a guide.

RIBBON SPATTER APPLICATION COVERAGE⁴

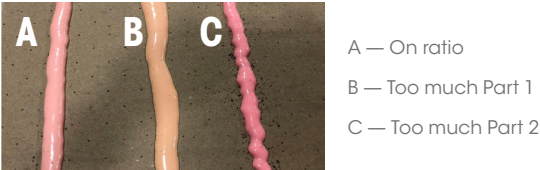
Ribbon Application (Insulation)			Spatter Application ⁴ (Fleece-Back Membrane)
4" (102 mm) on-center	6" (152 mm) on-center	12" (305 mm) on-center	2.83 lb. (1.36 kg) of adhesive per 100 sq. ft. of area
1,000 sq. ft. (92.9 sq. m) coverage	1,500 sq. ft. (139.35 sq. m) coverage	LG: 3,500 sq. ft. (325.15 sq. m) coverage SM: 1,000 sq. ft. (102.19 sq. m) coverage	LG: 2,400 sq. ft. (222.96 sq. m) coverage SM: 700 sq. ft. (65.03 sq. m) coverage

⁴ 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.

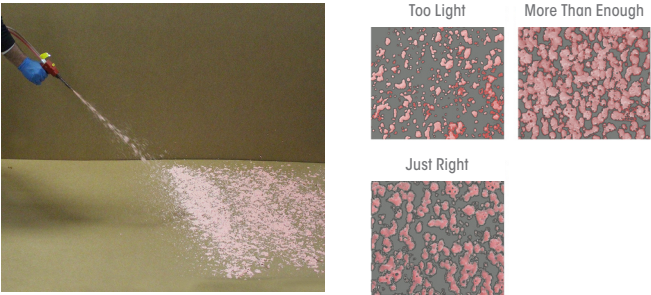
EXAMPLES OF PROPER ADHESIVE RATIO FOR BEAD APPLICATIONS FOR INSULATION



EXAMPLES OF PROPER ADHESIVE RATIO FOR BEAD APPLICATIONS:



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.



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