

OlyBond500®

PRODUCT DATA SPECIFICATIONS

OlyBond500® is a fast-acting, two-component, low-rise polyurethane foam adhesive designed to adhere most insulation types to a wide selection of common roof decks and materials.

OlyBond500 can be used in both new and re-roofing applications, including applications that require multiple insulation layers. OlyBond500 is dispensed in a semi-liquid bead that spreads to several inches before rising ¾ to 1-in. above the substrate. Place the insulation/cover board into the adhesive and walk into place. A chemical cure occurs within approximately 4 to 8 minutes depending on the temperature and weather conditions.

Available in several easy-to-use packing options including:

- 1500 ml SpotShot Cartridges
- 5 gallon Bag-in-Box (10 gallon sets)
- 15 gallon Drums (30 gallon sets)
- Canister sets



FEATURES & BENEFITS

- Non-penetrating attachment system.
- Odor free – excellent for sensitive areas, such as schools, office buildings and hospitals.
- Ultra low VOC meets all local and federal regulations.
- Reduces re-roof and construction noise.
- Rapid application with appropriate dispensing tools.
- Chemical cure results in fast set-up time.
- Eliminates thermal bridging.
- Extremely high wind-uplift ratings.

- Available in temperature-optimized grades for year-round use:

Regular Grade

- SpotShot Cartridges: 40°F and above
- Canisters: 40°F and above
- Bag-in-Box: 40°F and above
- 15 Gallon Drums: 40°F and above

Winter Grade

- SpotShot cartridges: 0°F – 65°F
- Canisters: N/A
- Bag-in-Box: 25°F – 65°F
- 15 Gallon Drums: 25°F – 65°F



Flex[™]
Thermoplastic Single Ply and Multi-Ply
Roofing & Waterproofing Systems

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ROOF DECKS AND SUBSTRATES

- Structural concrete.
- Gypsum.
- Cementitious wood fiber plank.
- Lightweight insulating concrete.
- Steel (22 Ga. or thicker with approved cross section).
- Plywood (5/8 -in. thick min.).
- Smooth surface BUR.
- Smooth and granular surface modified bitumen (properly prepared).
- Existing sprayed in place polyurethane foam.
- Base sheets.
- Most vapor barriers (including asphaltic and fleece-top.)

ROOF INSULATION AND COVER BOARD

- Expanded Polystyrene.
- Polyisocyanurate.
- High Density Wood Fiber.
- Perlite.
- Certain Extruded Polystyrene.
- Most cover boards.

APPROVALS

OlyBond500® is approved by most roof system manufacturers and is Factory Mutual, Miami Dade, Underwriters Laboratories and Florida Building Code approved.



Florida
Building
Code



ORDERING INFORMATION

| | CAT. NO. | DESCRIPTION | WEIGHT LBS | PACKAGING | |
|------------------|--------------|---|-----------------------------------|-------------|------|
| | APPLICATORS | OB500PCART3 | PaceCart 3™ | 150 | Each |
| OBPC-VEEGUN | | Complete Gun Assembly | 5 | Each | |
| OB500MIXTIP-20L | | Static Mix Tips for the PaceCart 2 | 2 | 20 each | |
| OB500SSGUN | | Hand Applicator | 5 | Each | |
| OB500SSGUN-SU | | Manual Stand-up Applicator | 10 | Each | |
| OB500SSGUN-SU18V | | Power Gun Cordless Applicator with Bag | 10 | Each | |
| OB500SSMIXTIP-10 | | Static Mix Tips for all SpotShot Applicators | 1 | 10 each | |
| OB500LTS-1GAL | | PCPreserver™ Long Term Storage Product for PaceCart | 7 | 1 each | |
| ADHESIVES | ITEM # | DESCRIPTION | INSTALLATION TEMP RANGE | | |
| | OB500SS-R | OlyBond500 SpotShot Cartridge Set | 40°F and rising | | |
| | OB5001-BAG | OlyBond500 Bag-in-Box Part 1 | 40°F and rising | | |
| | OB5002-BAG | OlyBond500 Bag-in-Box Part 2 | 40°F and rising | | |
| | OB5001-TANK | OlyBond500 Canister Part 1 | 40°F and rising | | |
| | OB5002-TANK | OlyBond500 Canister Part 2 | 40°F and rising | | |
| | OB500-15A | OlyBond500 15 Gallon Drum Part 1 | 40°F and rising | | |
| | OB500-15B | OlyBond500 15 Gallon Drum Part 2 | 40°F and rising | | |
| | WINTER GRADE | OB500SS-W65 | OlyBond500 SpotShot Cartridge Set | 0°F – 65°F | |
| | | OB5001-WBAG | OlyBond500 Bag-in-Box Part 1 | 25°F – 65°F | |
| OB5002-WBAG | | OlyBond500 Bag-in-Box Part 1 | 25°F – 65°F | | |
| OB500W-15A | | OlyBond500 15 Gallon Drum Part 1 | 25°F – 65°F | | |
| OB500W-15B | | OlyBond500 15 Gallon Drum Part 2 | 25°F – 65°F | | |

For more information, contact your local OMG sales representative, call 800-633-3800 or visit www.OMGRoofing.com.

OMG is a leading U.S. supplier of roofing fasteners, roof insulation adhesives, retrofit roof drains, pipe supports, engineered edge metal systems and rooftop productivity tools. Our products are available nationwide through a network of roofing distributors, and supported by our national network of direct factory sales personnel.

FlexTM
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Roofing & Waterproofing Systems

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