

# AlphaGuard™ WB Primer

*Quick Drying, Water Based Primer*

## DESCRIPTION

AlphaGuard WB Primer is a water based, polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.

## BASIC USES

AlphaGuard WB Primer promotes adhesion for the AlphaGuard to single ply membranes.

## PACKAGING

5 gal (18.9 L) pails  
1 gal (3.8 L) cans

## COLOR

Milky White

## GRADE

Brush, Roller, Spray

## STORAGE

12 months shelf life in unopened containers when properly stored.

### DO NOT FREEZE

Recommended storage is indoors in a ventilated, dry area removed from heat, open flame, ignition sources and direct sunlight. Storage temperatures should range from 60-70°F (15-21°C) and must not drop below 32°F (0°C) or exceed 110°F (43°C).

On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.

Shelf life could be affected if the product is not stored properly.

## APPLICATION

**Surface Preparation:** Surface must be clean, dry, in sound condition, and free of dirt, debris, and contaminants. Existing wet roofing components must be identified and replaced. Deficient areas of existing system must be repaired. All repairs should be made with like materials matching the existing components and allowed to properly cure prior to application of liquid-applied products.

If the surface has a pre-existing coating, paint, or sealant, please contact Tremco for adhesion/compatibility testing and surface preparation recommendations.

### Mixing:

**Pails:** Use a heavy duty corded power drill with Jiffy Mixer mixing blade. Mix until product is consistent in appearance and viscosity. Do not thin.

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## APPLICATION CONTINUED

**Installation:** Install product using one of the approved application methods evenly at the recommended coverage rate. Use wet mil gauges to monitor coverage rates throughout application.

Allow primer to dry to support foot traffic prior to application of Tremco's approved liquid applied products. If primer is exposed overnight, inspect surface prior to application to ensure film is tight and unaffected.

Approved liquid applied products can be installed up to 24 hours after AlphaGuard WB Primer has been applied. After 24 hours, the surface must be cleaned and re-primed with AlphaGuard WB Primer.

BUR Smooth	MB Granule	MB Smooth	Single Ply
◆	◆	◆	◆

## ACCEPTABLE ROOF SURFACES

## COVERAGE RATES

**Smooth BUR, Smooth MB, Single-Ply Substrates:** 1/2 gal / 100 sq. ft. (0.2 L/m<sup>2</sup>) (8 wet mils)

**Granule Surfaced MB Substrates:** 1 gal / 100 sq. ft. (0.4 L/m<sup>2</sup>) (16 wet mils)

Note: Coverage rates are listed at minimum recommended rates. The application surface can affect the necessary coverage rate.

Min Ambient: 50°F (10°C)  
Max Ambient: 110°F (43°C)

- Minimum temperatures must be rising following application
- Do not apply when dew point is within 5°F (2.7°C) of ambient temperatures
- Do not apply when precipitation, fog or dew is imminent prior to cure of the product
- Do not apply when temperatures could fall below 32°F (0°C) within 24 hours of application

## TEMPERATURE/WEATHER RECOMMENDATIONS

## CURE TIMES

**Recoat Time:** 2 hours @ 77°F (25°C) / 50% RH

Note: Cure times can be effected by a number of weather and jobsite conditions including but not limited to exposure to sunlight and wind, humidity, precipitation, and temperature.

## SPRAY EQUIPMENT RECOMMENDATIONS

### GENERAL GUIDELINES

**Component:** One-component

**Pressure:** 1,500 psi

**Tip Size:** .019-.029

**Filters:** Remove

**Hose Type:** High Pressure

**WHIP:** 1/4" High Pressure

**Product Temp:** Ambient

- Must use heavy duty or industrial grade spray tips
- Properly clean and maintain spray equipment before, during, and after use
- Equipment should be properly grounded during use

## CLEAN UP

Clean with soap and water. Spray equipment can be cleaned with mineral spirits, xylene, or MEK. Any spills or over-coating must be cleaned immediately before product dries.

## LIMITATIONS

Not recommended for use over the following:

**Roof Decks:** Cementitious wood fiber, metal, poured-in-place gypsum, structural lightweight or lightweight insulating concrete, and wood decks (includes plywood, tongue and groove, etc.).

**Products/Systems:** Asphalt-based or coal tar gravel surfaced BUR systems, clay tile, corrugated or standing seam metal roof systems, expanded or extruded polystyrene insulation, fluoropolymer finished metal, shingles, silicone-based products, and tar-based products.

- Not for use under continuous immersion.

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## PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Asbestos conten	None	ASTM D 276
Density @ 77 °F	0.94g/cm3	ASTM D 1475
Nonvolatile content	72%	ASTM D 16444
VOC	<1 g/L	ASTM D 3960

## MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

## PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

## TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



[www.tremcoroofing.com](http://www.tremcoroofing.com)  
3735 Green Road  
Beachwood, Ohio 44122  
1.800.852.6013

220 Wicksteed Avenue  
Toronto, Ontario, M4H 1G7  
1.800.668.9879

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