

# AlphaGuard™ Glass Mat

## Conformable, Rapid Wetting Glass Mat Reinforcement

### FEATURES

High Conformable  
Fiberglass  
Polyester Binder

### BENEFITS

- Conforms to even the most difficult details
- Non rotting, fire resistant material
- Highly soluble powdered binder allows for open weave and improved wetting characteristics

### DESCRIPTION

AlphaGuard Glass Mat is a medium- fine fiber, rapid wetting chopped strand mat.

### BASIC USES

AlphaGuard Glass Mat is used as a field and flashings reinforcement for AlphaGuard PLUS and restoration system applications. This durable, long lasting reinforcement provides additional strength, stability, and durability throughout the service life of the system.

### PACKAGING

50" x 299' (1.2 m x 91.1m) roll  
25" x 299' (0.6 m x 91.1m) roll

### COLOR

White

### STORAGE

DO NOT ALLOW ROLLS TO BECOME WET

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.

Performance could be affected if the product is not stored properly.

### APPLICATION

Follow preparation/application recommendations for AlphaGuard products being used in conjunction with AlphaGuard Glass Mat.

Apply AlphaGuard Glass Mat as it comes off the roll. Do not flip or invert the reinforcement during use.

**Fully-Reinforced Application:** Fully embed AlphaGuard Glass Mat into wet AlphaGuard product using a brush or roller until reinforcement is fully saturated and is free of voids, wrinkles, air pockets, standing fibers, etc. In overlap areas ensure wet product is present on the top of the embedded sheet and overlap side laps a minimum of 3" (76 mm) and end laps a minimum of 6" (152 mm). Follow the same guidelines to embed the reinforcement in these areas. Do not allow foot traffic on AlphaGuard Glass Mat during application or until liquid product has cured. Once cured, apply top coat at the specified rate fully covering the embedded AlphaGuard Glass Mat.

### COVERAGE RATES

50" x 299' roll - Approx. 1,100 sq. ft. (102 m<sup>2</sup>)  
25" x 299' roll - Approx. 550 sq. ft. (51 m<sup>2</sup>)

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## 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.

## PHYSICAL PROPERTIES

| PROPERTY             | TEST METHOD | TYPICAL VALUE        |
|----------------------|-------------|----------------------|
| Weight Uniformity    | W-01FC-T6   | 225 g/m <sup>2</sup> |
| Loss on Ignition (%) | W-05EC-T6   | 3.9                  |

## CODES & APPROVALS

Florida Building Code



## 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

50 Beth Nealson Drive  
Toronto, Ontario M4H 1M6  
1.800.668.9879

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