

# RW490

## ALPHAGUARD 225G REINFORCEMENT

### KEY BENEFITS SUMMARY

- Superior Mechanical Properties  
Durable roof system properties and resin compatibility
- High Elongation, Flexibility  
Ability to strengthen AlphaGuard liquid applied membrane system providing longterm performance
- Fibreglass  
Rot resistant and robust
- Highly Soluble  
Open fabric allows effective saturation

### PRODUCT INFORMATION

#### Description

RW490 is a chopped strand e-glass fibreglass matting made of randomly distributed chopped glass strands held together with a specialist binder.

#### Usage / Purpose

RW490 is used as a glass mat reinforcement layer in AlphaGuard systems.

RW490 is a durable long lasting reinforcement which will not shrink or deteriorate over the service life of the system. RW490 is used for the field area and upstand detailing.

The resulting systems provides excellent performance, long term strength and durability.

#### Packaging

Available in individual rolls, with dimensions of 0.965m x 152m for large field area application and smaller detail rolls of 0.250m x 152m or 0.150m x 152m.

#### Colour

White

#### Availability

Direct from tremco illbruck (see bottom of leaflet for address and telephone details).

#### Protective Equipment

Ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### Surface Preparation

- Remove all dirt, dust, and other loose debris from the roof surface. Area should be prepared down to a smooth, clean, sound, dry base.

#### Application Instructions

- Apply AlphaGuard coatings to roof surface at the specified coverage rate, using a sheep skin roller to spread the material evenly.

- Promptly roll in RW490. Lightly roll RW490 to wet out and fully embed the fabric into the liquid. Any wrinkles formed on the fabric must be rolled flat.
- Do not allow foot traffic on RW490 during application. Lap edges 50 mm minimum in any direction.
- Apply finishing layers of AlphaGuard liquid applied membranes to fully covers RW490 as described in the project specific specification.

#### Please Note

- Surfaces must be clean and free of dirt, dust, and other contaminants.
- Not intended for use over aggregate surfacing.

#### Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

#### Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

### TECHNICAL DATA

| PROPERTY                         | RESULT   |
|----------------------------------|--|
| Composition                      | Fibreglass   |
| Weight Uniformity<br>(W-01FC-T6) | 225 g/m <sup>2</sup>   |
| Loss on Ignition<br>(W-05EC-T6)  | 3.9%   |
| Coverage                         | Field Area: 0.965m x 152m roll (146.68m <sup>2</sup> ). Detail<br>0.250m x 152m (38m <sup>2</sup> ) or 0.150m x 152m (22.8m <sup>2</sup> ) |
| Storage                          | Store undercover in dry, shaded conditions. Product must<br>remain dry at all times  |
| Shelf Life                       | Unlimited when stored as recommended in original<br>unopened packaging   |