

## AH-25



### PRODUCT DESCRIPTION

**AH - 25** is a new **Liquid Waterproofing System** based on alpha-hybrid, silane terminated polyether technology. While it exceeds most performance criteria of polyurethane, PMMA and other solvent based systems, it also eliminates many of the disadvantages associated with these products. **AH - 25 Liquid Waterproofing System** complies with the BBA and European Technical Approval Guidelines (ETAG) for liquid applied roof waterproofing for all listed use categories.

### PACKAGING & SHELF LIFE

AH-25 Liquid:  
15 L (22 kg) Bucket

AH-25 Fabric:  
100m X 100mm  
100m X 250mm  
100m X 500mm  
100m X 1m

Shelf life 12 months if unopened containers stored between 4°C and 32°C.

#### Quest Construction Products

Eldon Way, Units 1 & 2  
Biggleswade, Bedfordshire  
SG18 8NH  
+44 (0)1767 310 477

#### SIG Design and Technology

Mannheim House, Gelders Hall Road.  
Shepshed, Leicestershire LE12 9NH  
Tel: +44(0) 8445 76 67 60  
Fax: +44(0) 8445 76 67 61  
[www.singleply.co.uk](http://www.singleply.co.uk)



### APPLICATION CONDITIONS

Application temperature should be in the range of 0°C to 45°C. Please be aware of the effect of dew – our recommendation is that the substrate temperature should be at least 3°C higher than the temperature at which dew

forms – i.e. the 'Dew Point' Do not apply AH-25 Liquid Waterproofing if rain is imminent or likely to fall during application.

### SURFACE & PRODUCT PREPARATION

Surfaces must be free from dust, loosely adhering particles, chippings, oil, grease, algae, mildew or fungal growth. While AH-25 can be applied to damp surfaces the moisture content of the substrate must be less than 7%. Stir the product thoroughly with a mechanical mixer (2 - 3 minutes)

AH-25 can be applied directly to most substrates without the need for primers. However on certain surfaces and substrates primers may be required: please see the Surface Preparation Chart or contact our Technical Department for advice. If adhesion is in doubt, perform an Adhesion Test.

### APPLICATION INSTRUCTIONS

**Method:** This is a wet-on-wet system. Apply the base coat of AH-25 to the substrate using a brush or roller. Place the fabric into the liquid so that saturation occurs. Ensure that no air is trapped beneath the fabric and that there are no creases in it. Apply the top coat of AH-25 to the saturated fabric using a brush or roller ensuring that a smooth finish is achieved and that the fabric is completely covered. Leave to cure.

**Field Areas:** Use the wet-on-wet method described above to apply one metre wide fabric to the field area. Make sure all fabric overlaps by at least 100mm. Night joints should be abraded before over coating. Any areas to be recoated or repaired after 16 hours must be abraded before over coating (see Surface Preparation Chart for details)

**Detailing:** All detailing should be applied before proceeding with the field area. Where boards meet, all joints must be covered with a 100mm wide strip of fabric before applying the field area. If there are gaps of more than 2mm between boards, cover with a strip of 50mm wide aluminium tape before applying the fabric strip. For up stands, penetrations and edge details use 250mm wide fabric before applying the field area. Where a second layer of fabric is to be applied e.g. when laying field area over 100mm detail strips, it is not necessary to apply a saturation coat to detail strips until applying the field area unless a night seal is necessary.

**Coverage:** The coverage rate of AH-25 will vary depending on the porosity of the surface, texture of the substrate and whether a primer is necessary. As a general guideline the coverage rate is 2.0 L/m<sup>2</sup> (minimum), - subject to conditions above.

### DRYING & CURING

This system is water repellent on application. However, if rain does fall before the waterproofing liquid 'skins over' the surface may incur small indents, which will require a light overcoat once completely dry to ensure a smooth

finish. Check that there are no pinholes visible in the finished surface. Should any appear apply a light coat of the product to these areas. Drying time is approximately 2 hours at 20°C / 60% relative humidity. Full cure will occur in 5 days.

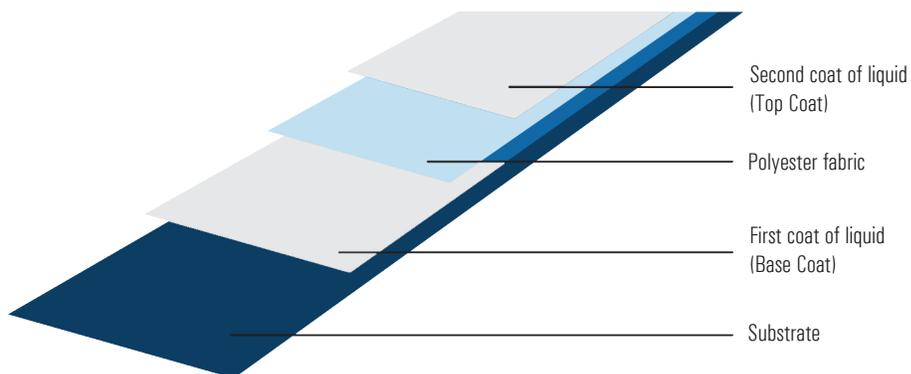
### CLEAN UP

Uncured AH-25 can be dissolved with mineral spirits. Cured AH-25 can only be removed mechanically.

## SYSTEM BUILD UP

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Liquid - Fabric - Liquid



## STORAGE

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Unused product can be kept for the duration of the shelf life by resealing the bucket lid. When re-opening to use, if a skin has formed, simply remove the skin and stir before use.

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