



HYDROSTOP^{EU} AH-25

Superior performance liquid waterproofing system



HYDROSTOP EU AH-25 is a one-component liquid waterproofing system which offers significant advantages over conventional PU and PMMA systems. It is fully reinforced with a polyester membrane and cures quickly – it can be applied under practically any conditions, even on cold days and on moist surfaces. **Hydrostop EU AH-25** is ideal for small scale or large commercial projects, whether they are new or refurbishments.

Benefits

- Cost effective wet-on-wet system
- Water repellent on application
- Non hazardous – low odour, no solvents, isocyanurate free
- Ready to use, single liquid component
- Can be applied all year round above 0°C
- No wastage – product can be stored and reused
- Cold applied – no heat or flame
- Fully reinforced with polyester fabric
- Ideal for complex detailing
- Excellent elasticity and tensile strength

Description

Hydrostop EU AH-25 is an innovative liquid waterproofing system based on alpha-hybrid, silane terminated polyether technology. Not only does it exceed most performance criteria of other liquid systems including polyurethane and PMMA, it also eliminates many of the disadvantages associated with these products.

Hydrostop EU AH-25 is grey in colour. Custom colours are available.

Approvals

Hydrostop EU AH-25 complies with the European Technical Approval Guidelines for liquid applied roof waterproofing kits (ETAG 005) for all listed use categories. It is classified as a non-hazardous substance according to EU Directive 1999/45/EC.

BBA and FM Certification pending.

Hydrostop EU AH-25 holds FLL Green Roof approval.

Typical applications

- New build, repair or refurbishment projects
- Flat roofs, balconies, terraces, walkways
- Complex detailing, upstands, penetrations and terminations
- Recoating failed single ply roofs
- Fountains and water features
- Warm roofs, cold roofs, and inverted warm roofs
- Green roofs, brown roofs and living walls
- Internal plant rooms and wet rooms
- Heritage properties and lead replacement
- Waterproofing gutters, valley gutters and drainage channels
- Waterproofing asbestos or fibre cement
- Waterproofing profiled metal roofs
- Wind turbine posts



Sitework

Preparation

As a minimum, clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease and laitance with the use of a stiff bristle push broom and or washing. Make all necessary repairs to existing substrate

Installation procedure

This is a wet-on-wet system.

1. Apply the first coat of **Hydrostop EU AH-25** liquid to the substrate using a brush or roller.
2. Firmly embed the fabric into the liquid using a brush and working from the centre outwards. Ensure that no air is trapped beneath the fabric and that there are no creases in it.
3. Immediately apply a saturation coat of **Hydrostop EU AH-25** liquid into the still wet fabric using a brush and ensuring that a smooth finish is achieved and that the fabric is completely covered.
4. Leave to cure.

Coverage rate: 2 litres/m²

Detailing

All detailing should be applied before proceeding with the field area.

Where boards meet, all joints must be covered with a 150mm wide strip of fabric bedded in a base coat, 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 upstands, penetrations and edge details use 250 mm wide fabric before applying the field area.

Where a second layer of fabric is to be applied e.g. when laying field area over 150mm detail strips, it is not necessary to apply saturation coat to detail strips until applying the field area.



'Fast-curing, easy to apply liquid waterproofing with superior performance'

Typical specifications

New roof

Substrate

Primer (not required)

Base coat: **Hydrostop EU AH-25** liquid 1.2 litres/m²
(applied by brush or roller)

Reinforcing membrane: 110gsm polyester fleece

Top coat: **Hydrostop EU AH-25** liquid 0.8 litres/m²
(applied by brush or roller)

Coverage rate of 2 litres/m²

Refurbishment

Existing roof

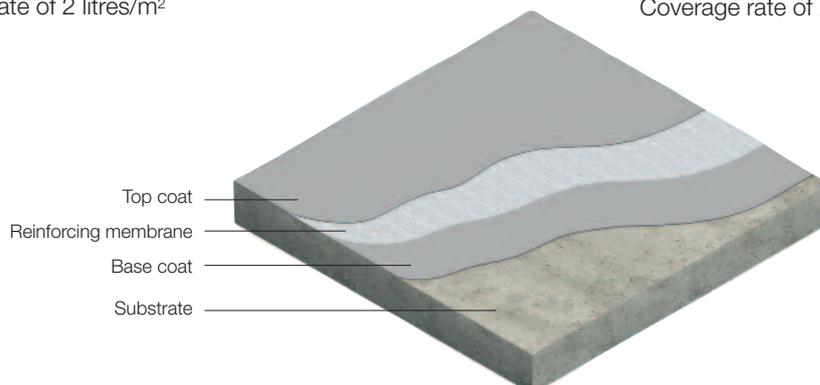
Primer refer to manufacturer's instructions

Base coat: **Hydrostop EU AH-25** liquid 1.2 litres/m²
(applied by brush or roller)

Reinforcing membrane: 110gsm polyester fleece

Top coat: **Hydrostop EU AH-25** liquid 0.8 litres/m²
(applied by brush or roller)

Coverage rate of 2 litres/m²





Take the risk out of roof design...

- The right products for your project to meet the requirements for:
 - Carbon capture
 - Insulation
 - Roof longevity
 - Energy generation
- Design covered by our PI insurance
- Genuine choice of waterproofing
- Part of a FTSE 250 company

About SIG Design & Technology

SIG Design & Technology is a part of SIG Exteriors, a leading division of SIG plc, a FTSE 250 listed company and the UK's market leading specialist supplier to professionals in the building and construction industry.

SIG Design & Technology is at the forefront of design, supply and guaranteeing exclusive 21st century roofing solutions. Every component is carefully tested and selected for its sustainability, functionality, longevity and/or aesthetic strengths to guarantee total roofing solutions from inspiration to installation.



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