

**HYDROSTOP** AH+

**SIG** DESIGN & TECHNOLOGY

## AH+ Liquid Waterproofing Systems

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



## Description

Unpleasant odours, restrictive weather conditions, differing application processes, multi component systems – combined, these make the successful installation of liquid systems very challenging.

AH+ has been developed with these attributes in mind to produce a membrane which is considerate to the needs of the installer.

AH+ is a liquid waterproofing system that eliminates many of the challenges faced, to provide a product which is very practical to use and 'ticks all the boxes'.

## Approvals

AH15+ and AH25+ hold BBA accreditation.

Fire performance to BS 476-3: 2004.


Green Roof Approval EN 13948: 2007.

## Typical applications

AH+ Liquid Waterproofing Systems are extremely versatile. They can be used for flat roof applications of all shapes and sizes, ranging from small domestic to large commercial projects for both new-build and existing roof overlays.

AH+ Liquid Waterproofing Systems are typically used for the following applications:

- **Commercial refurbishment**
- **Commercial new build**
- **Domestic applications:**
  - *Extensions*
  - *Garages*
  - *Bay windows*
  - *Dormer roof*
  - *Green Roofs*



AH+ Liquid Waterproofing Systems are the latest innovation in liquid roofing technology combining the benefits associated with existing alternative products, to create a new user friendly system.

## BENEFITS

- COMPLETELY SOLVENT FREE
- NO VOCs
- RE-SEALABLE LIDS
- VERY LOW ODOUR
- FAST CURING
- 'WET-ON-WET' APPLICATION
- USABLE AT LOW TEMPERATURE
- VAPOUR PERMEABLE
- 15 AND 25 YEAR WARRANTY OPTIONS

## Waterproofing system

### AH15+ and AH25+ Liquid Waterproofing

A single component polyurethane based, moisture curing coating applied in multiple layers in conjunction with a polyester reinforcing fleece.

- Tin size: 15 litre
- Coverage rates: 1.2 l/m<sup>2</sup> (AH15+) / 2.0 L/m<sup>2</sup> (AH25+)

### AH15+ Reinforcing Fabric/ AH25+ Premium Reinforcing Fabric

Polyester based reinforcing fleeces are available in two weights: 110gsm (AH15+) and 165gsm (AH25+). Both are embedded into the relevant AH+ liquid applied waterproofing coating in a 'wet-on-wet' application.

The fleeces are available in a number of widths.

#### AH15+ Reinforcing Fabric:

- 100m x 1.0m
- 100m x 0.25m
- 100m x 0.1m

#### AH25+ Premium Reinforcing Fabric:

- 50m x 1.0m
- 50m x 0.3m



## Typical specification

### New roof

Substrate  
Primer

Base coat: **AH15+ / AH25+** liquid (applied by brush or roller)

Reinforcing membrane: **AH+** Reinforcing Fabric

Top coat: **AH+** liquid (applied by brush or roller)

Total coverage rate of 1.2ltrs/m<sup>2</sup> or 2ltrs/m<sup>2</sup> system dependent

### Refurbishment

Existing roof

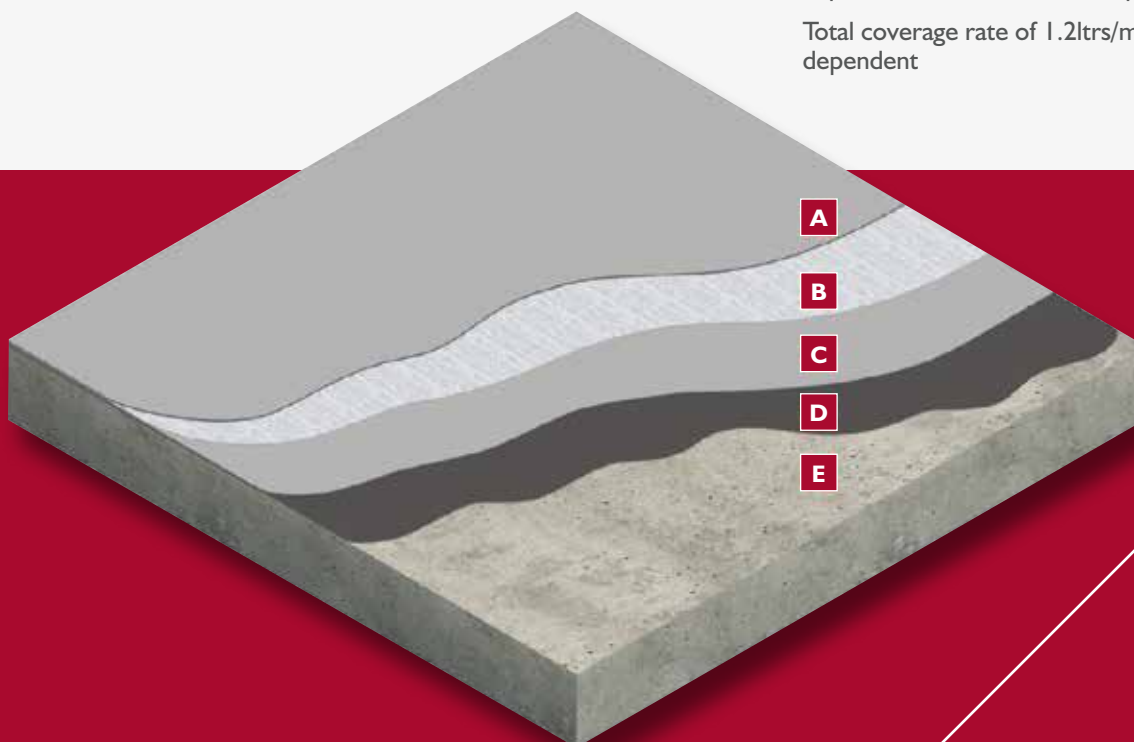
On bituminous substrates **AH+** Blocker Primer must be used. On other substrates refer to manufacturers instructions

Base coat: **AH15+ / AH25+** liquid (applied by brush or roller)

Reinforcing membrane: **AH15+ / AH25+** Reinforcing Fabric

Top coat: **AH15+ / AH25+** liquid (applied by brush or roller)

Total coverage rate of 1.2ltrs/m<sup>2</sup> or 2ltrs/m<sup>2</sup> system dependent



- A TOP COAT
- B REINFORCING MEMBRANE
- C BASE COAT
- D PRIMER
- E SUBSTRATE

## About SIG Design Technology

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

SIG Design Technology has put together an 8-step guide to identify the challenges and ensure that a roof's design meets a building's requirements.

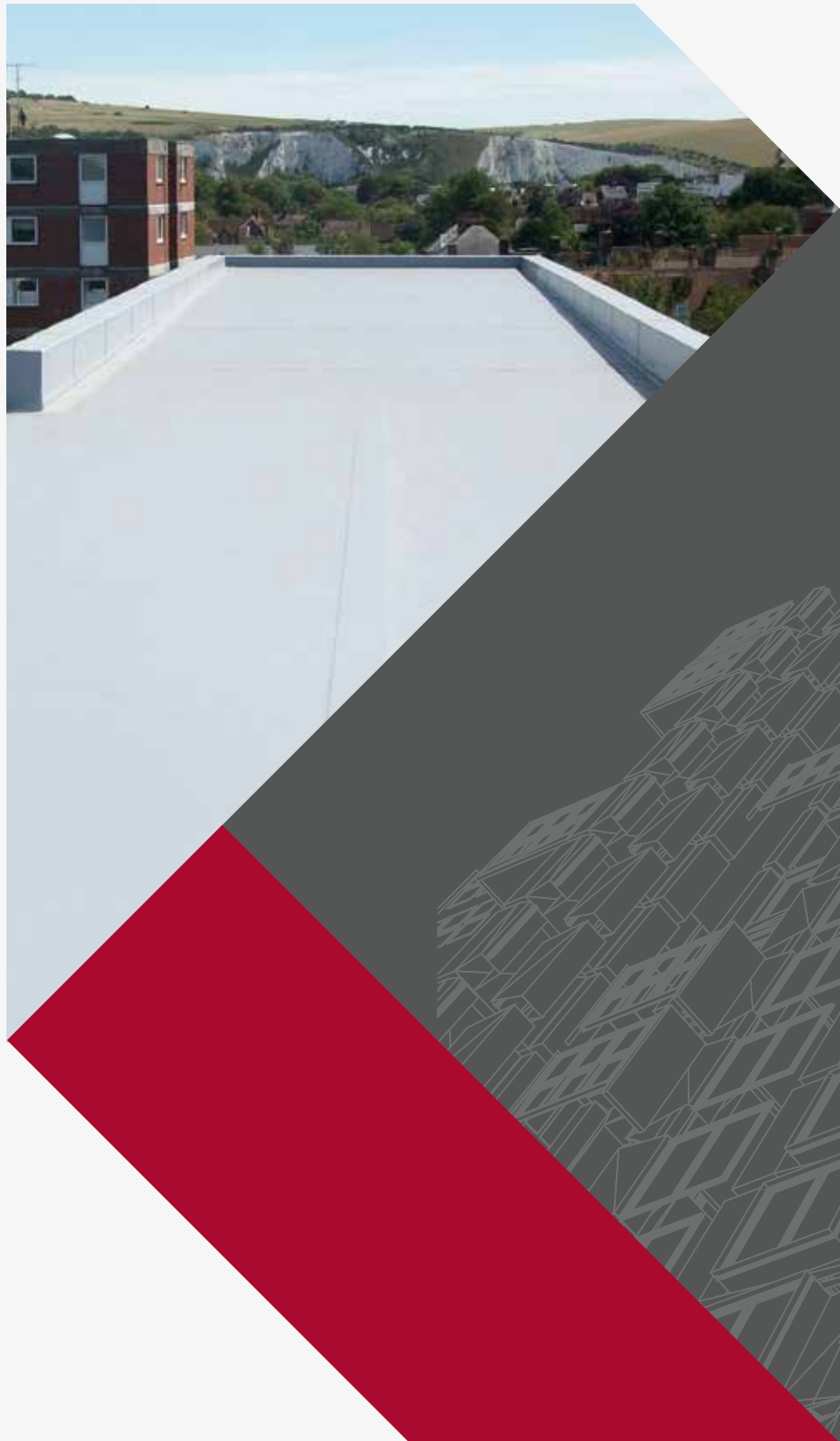
Called *#PerfectRoof*, the eight steps follow the process from product selection and design expertise through to full guarantees and planned maintenance. Its know-how is just part of the service that is provided absolutely free to customers.



## Take the risk out of roof design...

### ■ The right products for your project to meet 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*



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