

INTRODUCTION

HYDROSTOP AH15+ and HYDROSTOP AH25+ Liquid Waterproofing Systems are a low odour, solvent-free, single component, fleece reinforced liquid roofing and waterproofing systems, ideal for both commercial and domestic applications.

DESCRIPTION

HYDROSTOP AH+ Concrete Primer (Winter) is a solvent-free two-component primer based on epoxy resin. Component 'A' is a blue colour; Component 'B' is transparent. It is supplied as a 10 kg (7+3 kg) pack in metal containers.

When using HYDROSTOP AH+ Concrete Primer (Winter) as an alkali protection barrier, apply to the cured HYDROSTOP AH15+ / HYDROSTOP AH25+ liquid applied membrane and immediately broadcast HYDROSTOP AH+ Standard Quartz at a rate of approximately 400 to 600 g/m² ensuring full coverage.

DELIVERY

The product is delivered to site in containers packed on pallets, wrapped in polythene. Each container is marked with the manufacturer's name, product description and the appropriate hazard and risk labels.

STORAGE

Containers should be stored in a cool, dry, and frost-free environment on a flat, level, and clean surface away from sources of ignition, including pilot lights and sparks. In original unopened containers the shelf life is 12 months. Protect the product against moisture, direct sunlight and extremes of temperature. Keep containers tightly closed when not in use. At temperatures below 5 °C crystallisation may occur.

INTENDED USE

HYDROSTOP AH+ Concrete Primer (Winter) is used to prepare concrete or cementitious surfaces, enhancing the adhesion of the specified HYDROSTOP AH+ liquid applied waterproofing system. The primer seals the concrete surface, protecting the waterproofing membrane from potential substrate outgassing. HYDROSTOP AH+ Concrete Primer (Winter) can also be used as an alkaline protection layer over fully cured the specified HYDROSTOP AH+ liquid applied waterproofing.

SURFACE PREPARATION

Before application, ensure that the surface is clean, dry and sound. Do not apply if rain is imminent.

APPLICATION CONDITIONS

Apply only when atmospheric and substrate temperatures are greater than 5 °C. The surface of the substrate should be clean and dry and must be 3 °C above the dew point. If the surface is below or at dew point temperature, then moisture can form at the surface and affect coating adhesion and curing.

Personal Protective Equipment (PPE) should be worn.

PROPERTIES

Container Size	10 kg: Component A - 7 kg Component B - 3 kg
Form	Liquid
Colour	Component A - Blue Component B - Transparent
Application Rate	As primer: 0.5 kg/m ² As alkaline barrier: 0.4 - 0.6 kg/m ²
Workability Period	25 minutes*
Rainproof After	6 hours*
Walkable After	16 hours*
Overcoating Period	16 hours*
Shelf Life	12 months**

* Dependent on environmental conditions. Values attained at 23 °C and 50% relative humidity. Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures.

**If stored in original container, between +5°C and 20°C.

APPLICATION METHOD

The volumes of Components A & B are pre-determined and should be fully mixed together. Attempts to mix reduced quantities of either component to generate smaller volumes may lead to curing failure of the primer.

Pour Component B into Component A mixing slowly with a paddle mixer on slow setting. The mixture should be a consistent colour and free from streaks. Mixing time is 2 minutes. To avoid mixing errors, the mixture should be poured into another container and stirred thoroughly. Apply within 25 minutes.

Once ready, apply the mixed primer onto the prepared substrate with a roller, avoiding unnecessary accumulation of product. The specified HYDROSTOP AH+ liquid applied membrane can be applied above the primed surface when it is tack-free and dry. Depending upon atmospheric conditions, a minimum 16 hours will be required before overcoating.

Once applied, HYDROSTOP AH+ Concrete Primer (Winter) must be overcoated within 8 days of application, otherwise separation effects can occur. If any delays in overcoating are anticipated, quartz sand may be broadcast over the wet primer to aid adhesion.

CLEANING

Clean tools in thinners immediately after use. Wash hands thoroughly after use.

TYPICAL SPECIFICATION

Primer to be HYDROSTOP AH+ Concrete Primer (Winter). Primer to be applied at an approximate rate of 500 g/m² depending on the porosity of the substrate.

Where used as an alkaline barrier an approximate application rate of 400 – 600 g/m² is anticipated.

NBS SPECIFICATION

HYDROSTOP AH+ Concrete Primer (Winter) can be specified using the following clause:

Clause: J31/316A

Product: HYDROSTOP AH+ Concrete Primer (Winter)

Manufacturer: SIG Design & Technology, Mannheim House, Gelders Hall Road, Shepshed, Leicestershire, LE12 9NH. Tel: 01509 505714.



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Note: This information is given in good faith being based on the latest knowledge known to SIG Design & Technology. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.

QUALITY ASSURANCE

HYDROSTOP AH15+ and HYDROSTOP AH25+ Liquid Waterproofing Systems are supplied under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.



QMS: 05556

DISPOSAL

Components A + B (Liquid)	EWC	08 04 09
Components A + B (Cured)	EWC	08 04 10

HEALTH & SAFETY

Health & Safety information supplied by manufacturer must be observed. Do not allow into the sewer system or ground.

TECHNICAL SERVICES

Specialist advice and design guidance on all matters relating to the HYDROSTOP AH15+ and HYDROSTOP AH25+ membranes is freely available from our Technical Support Team.

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