

PRODUCT DATA SHEET

HB85 Hydro Ban

Waterproofing Compound to be used with a Membrane

Product Description:

HB85 Hydro Ban is an acrylic waterproofing system comprising of a combined saturator, sealer and topcoat used in conjunction with a membrane (reinforcing polyester fabric). Prevents water ingress into roofs, parapet cappings, masonry walls and seals cracks / holes where leaks may occur. **HB85 Hydro Ban** can be used to treat difficult areas where conventional waterproofing is required.

Characteristics/Advantages:

- Lead content, less than 90 ppm
- Excellent adhesion to suitably prepared surfaces
- Forms a watertight system with the membrane
- Low density system: Does not add excess weight to structures
- Non-toxic
- Tough and flexible
- Water clean-up
- May be overcoated with quality acrylic topcoats
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Uses:

- Sealing of cement roof tiles and cappings
- Sealing of plastered exterior walls and parapet walls
- Sealing of roof flashings, joints and fastener heads
- Waterproofing of flat roofs (e.g.concrete, screeds, IBR-zinc sheeting)
- Waterproofing of timber and building board / composite board roofs

Product Properties:

Physical Form:	Smooth viscous coloured fluid
Membrane:	Uncoloured needle-punched polyester cloth
Colour:	Range of standard colours
Finish:	Low sheen
Polymer Type:	Modified flexible acrylic latex
Solids Content:	35 - 39% by Mass, 22 - 26% by Volume
S.G.:	1.205 ±0.05kg/ℓ
Viscosity:	110 – 115 KU
PH:	8.5 – 9.5
Pigments and Fillers:	Non-toxic, weather resistant types

Coverage:	Approximately 2,5 L/m ² or 0.4 m ² /L per application for the complete waterproofing system.
Drying Properties:	Touch dry 1 hour
Recoating Time:	4 – 6 hours-depending on conditions during drying & film build
Flashpoint:	Product is non-flammable, water-based
Packaging:	5L and 20L
Thinning:	No thinning required; product is supplied ready for use
Mixing:	Stir the contents thoroughly with a flat paddle before use. Do not mix with a paint stirrer as this will aerate the product.
Cleaning:	Equipment is cleaned using water while the paint is still wet.
Application Method:	Apply with a suitable brush or roller

Important:

- Do not use underneath tiles or areas of long-term ponding.
- Masonry surfaces may be friable: treat with a suitable Bonding liquid.
- Metal surfaces must be primed with a suitable Metal Primer.
- Raw brick walls must be primed with a suitable Plaster Primer.
- If it rains in-between coats, allow at least 48 hours drying time @ 23°C to ensure thorough drying before applying any further coats. If there is any rain damage to the coating, apply two coats according to the application specification. The waterproofing system should be inspected after 3 years, and a maintenance topcoat should be applied if necessary.

Priming:

- **Metal, steel & chromadek substrates:** Prime the prepared surface with a coat of metal etch primer.
- **Previously painted bitumen surfaces:** Prime the prepared surface with a coat of bitumen primer.
- **Previously painted enamel/solvent-based coating surfaces:** Prime the prepared surface with a coat of Universal Undercoat.
- Flat concrete roof slabs to be waterproofed: Prime the prepared surface with a coat of **GB15 GripBond**.
- Cementitious & masonry substrate surfaces: Prime the prepared surface with a coat of **GB15 GripBond** or **GK45 GripKey for Plaster**.

Application:

First Coat:

Apply a coat of **HB85 Hydro Ban** to areas of the prepared and primed surface. Apply the product slightly wider than the membrane at a spread rate of 1m² per litre.

Membrane/Bedding:

Thoroughly work the membrane firmly into the still wet **HB85 Hydro Ban** to obtain maximum saturation from below, smooth out all air pockets and creases. Ensure a minimum of 50mm overlap on the adjoining lengths of the membrane.

Second Coat:

Apply a coat of **HB85 Hydro Ban** to areas of the prepared surface slightly wider than the membrane at a rate of 1m² per litre subject to the surface profile.

Third Coat:

When touch dry, apply a coat of **HB85 Hydro Ban** at a rate of 2m² per litre. Protect from rain until dry. Allow the third coat to dry for 4–6 hours before overcoating.

Overcoating:

Allow for **HB85 Hydro Ban** to dry for at least 4-6 hours before overcoating.

Storage:

Store in a cool, dry place away from excessive fluctuations of temperature and out of direct sunlight.

Health and Safety Information:

Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. For further health and safety information refer to the product SDS.

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