

Technical Data Sheet – H-100

Testing Approvals: N/A.

Description

H-100 is a colourless, air permeable waterproofing impregnation protection against heavy rain and humidity penetration as well as the suppression of salt blooming. Its high penetration ability and high alkali resistance prevents salts blooming and the formation of spots. H-100 Silane also protects against surface dirt, airborne pollution and fungal spore formation. The prevention of rainwater and condensation entering the substrate also markedly reduces heat transmission through the substrate. The finish is non-tacky and is highly resistant to light and ultra-violet rays.

Features and Benefits

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| <ul style="list-style-type: none"> • No film formation • Colourless • Dries non -tacky • Prevents salt blooming • Does not inherently change the colour of the substrate • Single Pack • Does not discolour with age | <ul style="list-style-type: none"> • High Penetration • Reduces fungal spores • Quick Drying • Easy to use |
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Areas of use

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| <ul style="list-style-type: none"> • Masonry • Concrete • Cement • Plaster • Besser Blocks • Precast Panels • Natural Stone | <ul style="list-style-type: none"> • Limestone • Sandstone • Brick • Asphalt • Cement Fibro • Light weight aggregate products |
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Technical Data

Number of Coats:	2	Colour:	Clear
Spreading Rate per Coat:	Up to 2-4 m2/L	Thinner:	Mineral Turps
Wet Film Per Coat:	N/A	Shelf Life:	12 months
Recoat (@25°C):	1 hour	Packaging:	20lts
Curing Time:	48hrs		

Application Guide

Surface Preparation

- The surface should be dry to maximise penetration. A moisture test prior to application using a moisture meter or similar to confirm best conditions prior to application is preferable.
- Hairline cracks above 0.2mm or Blow holes should be repaired prior to application.
- During the curing time (approx. 6 hours) the treated area should be kept dry.

Application Procedure and Equipment

- H-100 is ready to use straight out of the drum.
- The product can be applied by brush, solvent resistant roller or sprayed.
- If using a spray equipment a 11-13 thou spray tip is preferable with sufficient pressure to attain complete atomisation.
- H-100 will not prevent water ingress from cracks and fissures in the substrate.

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Cleaning

Immediately after use, clean with mineral turpentine. Any spills must be cleaned immediately. Spot cleaning should be carried out with diluted detergents or bleaches. It is recommended that treated areas be scrubbed or mechanically cleaned monthly, using appropriate cleaning fluids.

Precautions

Do not apply if the temperature is below 7°C or relative humidity is above 85%, or if rain is imminent.
Use good ventilation and avoid inhalation of spray mists.
If risk of inhalation exists, wear a combined organic vapour/partial respirator.
Product is flammable.
Adjacent areas, such as windows, doors and plant life must be masked or covered prior to application

Flammability

This product is combustible and may form flammable mixtures with air. All sources of ignition must be eliminated within the work zone.
Do Not Smoke.
Fight fire with CO2 or dry chemical powder.
On burning, it will emit toxic fumes.

Health & Safety

Safety Precautions

- Provide good ventilation – open windows and doors and use circulating fans
- If product is splashed on skin it should be washed off with water before it can dry
- Wear gloves and eye protection during application

First Aid

Swallowed: Contact a doctor or Poisons Information Centre. Do not induce vomiting. Give water to drink.
Eye: Gently flush with running water, holding eyelids open for 15 minutes. Seek medical attention.

For detailed information refer to product label and the current Material Safety Data Sheet available from Hydron
In the case of an emergency please call the Poisons Information Centre on 13 11 26

Disclaimer

Any advice, recommendation, information, assistance or service provided by Hydron in relation to its products or their use is given in good faith, however is provided without responsibility or liability. Customers need to undertake their own assessment to determine the suitability of a product for the particular use intended. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, we are unable to assume liability for any loss, consequential damages or otherwise that may arise from the use of our product. Where a product is proven to be defective, our liability is limited to the replacement of the product only.