Hydron PROTECTOR SYSTEMS

Anti-Graffiti • Sealers • Waterproofing

Technical Data Sheet - WP100

Testing Approvals: N/A.

Description

WP100 is a waterborne flexible SBR waterproof membrane designed for use under tiled finishes that is capable of accommodating expected structural movement. It complies with the performance requirements of the Building Code of Australia 2007 Clause FP1.4 and FP1.7 (Volume 1-Class 2 to Class 9 buildings) and P2.2.2 and P2.4.1 (Volume 2-Class 1 and Class 10 Buildings Housing Provisions). May be used under cement based tile adhesives that meet the requirements of Australian Standard 23 5 8. VOC Content of WP100 is below the maximum VOC content for Architectural and Interior Sealants as required by Green Star Office Design V2, V3, Office Interiors V1.1, and APAS D181.

Features and Benefits

- Class 111 membrane to AS4858
- Complies with AS3740
- Low VOC Content
- Excellent adhesion to a wide variety of substrates
- Dries to a keyed finish to promote adhesion with tile adhesives
- Single Pack
- Designed for use with a bond-breaker
- Complies with Building Code of Australia FP1.4 and FP1.7 and P2.2.2 and P.2.4.1
- Permanently flexible – accommodates cracking in Substrates
- Quick Drying
- Safe and easy to use
- No priming required

Areas of use

- Shower recesses
- Laundries
- Kitchens
- Patios
- Wet area wall lining board
- Hardie/CSR sheet flooring
- Plywood sheet flooring
- Bathroom floor areas
- Balconies
- Steel (suitable primed)
- Concrete, cement render, plaster
- Brick
- Light weight aggregate block
- Plasterboard, MDF

Technical Data

Number of Coats:	2	Curing Time:	48hrs
Spreading Rate per Coat:	Up to 2m2/L	Colour:	Grey
Wet Film Per Coat:	500 Microns	Thinner:	Water
Recoat (@25°C):	2-4 hours	Shelf Life:	12 months

Application Guide

Surface Preparation

- The surface should have a smooth even texture. Masonry should be flush pointed and all defects in existing surfaces made good. Ensure all high points and protrusions are ground off.
- Surfaces must be clean and dry, free from dust and loose material. Due to the wide variety of substrates available, it is always advisable to check adhesion by laying a test sample before commencing the job.
- Substrates that are particularly porous and or dusty should be primed with a 1:1 dilution of WP100 and water.
- Blow holes, areas of honeycombing etc. to be filled and the surface brought back to an even profile with a suitable repair render. Trowel to a smooth finish and allow to cure prior to application of WP100.

Application Procedure and Equiment

- Apply Crommelin® Polyfab into internal angles/corners (wall and floor junction) and vertical angles/corners (wall and wall junction) as per standard.
- Tiling over expansion joints and construction joints must have tiles placed in such a manner that the joint (extra wide grout line) can be filled with elastomeric sealant.

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Application Guide

Application Procedure and Equipment

- After application of Crommelin® Polyfab, apply 1st coat of WP100 using a brush. Work from corners towards exposed areas. Allow to dry.
- Apply a 2nd coat of WP100 at right angles to the precious application using a brush or roller.
- Allow to dry before the application of a screed or the commencement of tiling.
- If pond testing is required, allow to dry for 7 days (dependant on weather conditions) to ensure adequate curing. Pond test with water to a depth of 25mm for 24 hours.

Precautions

Do not apply if the temperature is below 7°C or relative humidity is above 85%, or if rain is imminent.
Do not apply WP100 to wet substrates. The moisture content of the surface should be less than 15%. Check with a moisture meter If unsure.

Cleaning

Application Procedure and Equipment

- Equipment can be cleaned with warm water and detergent before the product has dried

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.

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