

# HYDROPEL W B

## Clear water repellent to penetrate external mineral building materials



Hydropel is a clear water based silane / siloxane compound formulated to impart excellent water repellency to a wide variety of porous mineral building materials. The product is designed to penetrate the first few millimetres of the surface rendering the substrate water repellent dramatically reducing the absorption of water and water born salts while still allowing free passage of water vapour.

**Brick, concrete, block work, stone, render, mortar, grout, absorbent tiles**

### OUTSTANDING FEATURES:

- Excellent penetration.
- UV and alkali stable.
- Product is not a surface coating so there is nothing to blister, wear or peel.
- Excellent surface water beading effect.
- Does not change the appearance of the treated surface.
- Reduces water and chloride uptake by 95%.
- Reacts chemically with the substrate to form a hydrophobic salt resistant layer.
- Non corrosive and non flammable.
- Easy application - no volatile hydrocarbons emitted during use.

*Caution should be exercised with acrylic applied renders as the product must soak into the surface. As with all surfaces a sample should be tested prior to job application.*

It is the responsibility of the end user to determine the suitability of products for a particular application...



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## APPLICATION INSTRUCTIONS:

Surface to be treated should be dry, firm and free from grime, oil and friable laitance. Surface should be cleaned with water or water and detergent and allowed to dry. It is essential that the surface be free of oily products such as form oil.

Do not apply if rain is expected or if conditions are damp and cold (below 10°C) or if excessively hot and windy.

Do not splash or spray product on any surfaces not to be treated. If splashes do occur the product can be washed off with water before drying. If the product has dried it can only be removed mechanically.

***Shake drum of Hydropel thoroughly before use.***

## Walls

Ready to use solution is applied to the surface by saturation flooding using a hand pressure spray applicator or airless spray equipment set to "wet spray" conditions.

Second application must follow a few minutes after first application. This is termed as a "wet-on-wet application". The object is to saturate the surface so that the product can penetrate as deep as possible. Second coat must be applied within 30 minutes.

## Paths and Balconies

Apply as above by spray, broom or brush. Remove excess product from work area and ensure product is not left ponding after 30 minutes.

## COVERAGE:

The consumption for one "wet-on-wet application" should be in the order of 3 to 5 square metres per litre.

## CURE TIME:

The initial water repellence will develop in about 4 hours. Product will fully cure in 7 - 10 days.

## SAFETY PRECAUTIONS:

Avoid contact with skin and eyes. If contact does occur wash off skin and/or flush eyes immediately with copious amounts of water and seek medical advice.

Use appropriate clothing including protective gloves and goggles while using product. Keep Out Of Reach Of Children.

## STORAGE AND PACKAGING:

Hydropel is not classed as dangerous goods for storage and transport purposes. Hydropel can be stored in sealed plastic containers for 6 months. Protect from freezing and prolonged exposure to temperatures in excess of 35°C.

Hydropel is available in 1, 5 and 20 litre containers.

## CLEAN UP:

All tools and equipment can be cleaned with water.

**SURFACE SEALER AND REPELLENT**



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