

HYDROPEL S

silicone emulsion water repellent - Solvent Based

**Clear
water
repellent
to
penetrate
external
mineral
building
materials**

Hydropel S is a clear solvent based silane / siloxane compound formulated to impart excellent water repellency to a wide variety of 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 whilst still allowing free passage of water vapour.

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.

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



technical information available on web page
Meeting Australian Standards



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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 xylene solvent 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. Do not leave ponding after 30 minutes.

COVERAGE:

The consumption for one "wet-on-wet application" should be in the order of 5 to 7 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 skin and eye contact and inhalation of vapours. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS1715 and AS1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or reuse. Keep Out Of Reach Of Children.

STORAGE AND PACKAGING:

Storage: Flammable Liquid (Class 2). Store in well ventilated area. Store away from organic/combustible materials/oxidizing agents/foodstuffs. Keep containers closed at all times – check regularly for leaks. Avoid thermal shock. Store in cool place and out of direct sunlight. Store away from sources of heat or ignition.

Hydropel is available in 4 and 20 litre containers.

CLEAN UP:

All tools and equipment can be cleaned with xylene solvent.

IMPORTANT NOTE:

Information given in this data sheet is based on many years of experience and is correct to the best of our knowledge. As storage, handling and application of materials is beyond our control we are only responsible and provide warranties for the quality of the product at the time of dispatch. We reserve the right to alter certain product parameters within the properties in order to keep abreast of technical advance.

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

TECHNICAL DATA