DEDICATED TO QUALITY

WATER SEAL SILICONE WATER BORNE

Description:

PRIMO WATER SEAL is a water borne based on Potassium Siliconate, ready for use, single component, water repellent for application on vertical or steeply sloping concrete, mineral-based natural and artificial stone, cementitious substrates, mineral plasters and mineral paints.

Recommended Uses:

To create water repellence on unpainted interior and exterior masonry Unpainted brick, Stone, Concrete, Plaster, Fiber Cement, Stucco, Block, Clay Tile Horizontal or Vertical Surfaces.

Performance:

- Good penetration on into substrate.
- Good reduction on of water and chloride intrusion.
- Excellent resistance to alkalis and UV light.
- Increases freeze thaw resistance.
- Minimizes efflorescence.
- Breathable, allows for water vapor release.
- Very good resistance to dust and dirt pick-up.

Surface Preparation:

All surfaces must be sound and free of dirt, dust, oil, grease, mildew, loose paint or any other contamination. New concrete should be allowed to age from 3 to 7 days, depending on weather conditions, before applying Siloxane Water Repellent. Unsound masonry must be wire brushed or abrasive blasted to a sound surface. Dirt, chalk and other loose contamination should be removed by high-pressure power washing. Grease and oil residues should be removed by using an Oil and Grease Emulsifier.

Mildew should be removed with a solution consisting of one part household bleach and three parts water. Scrub well, followed by a clean water rinse. Allow to dry. Replace any loose or disintegrated mortar and allow 72 hours drying time before application.

Water Borne System

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Conditions during application:

The temperature of the substrate should be between 10°C and 35°C. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Dilution Ratio: Supplied ready for use

Application:

Stir product well before using. This PRIMO Water Repellent can be applied by low press, non-atomizing sprayer, garden sprayer, brush, roller or wool applicator. Use a wet on wet method of application. Apply liberally in a crosshatch patern. Overlap strokes or passes to insure enough material is applied to insure maximum penetration and surface protection. Apply from the botom and work upward. Care must be taken to fully saturate the surface. Apply only when temperature of surface, material and air is between 15 °C and 35 °C. Do not spray in strong windy conditions.

Drying Time:

Surface dry 2 hour. Re-coat wet on wet.

Coverage:

Spreading Capacity per coat : Depends on film thickness applied, type of texture, surface porosity, temperature & wastage during painting 5 - 7 m2/liter per coat.

Thinner & equipment cleaner: Water.

Technical Data:

Specific gravity g/cc	1.0 ±0.02
Viscosity @ 25 °C	8-10 Sec no.4 Ford Cup
Appearance	Clear Solution

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Environmental Health & Safety:

Information Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container atier each use. Wash thoroughly atier handling.

FIRST AID:

In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical atention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical atention immediately. IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

NOTE : The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. All PRIMO Paints products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

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