

SILICONE WATER REPELLENT PROTECTIVE COATING.
THIS POLYSILOXANE BASED PRODUCT HAS BEEN FORMULATED TO LINE THE WALLS OF THE PORES OF THE SUBSTRATE, ENABLING THE FREE FLOW OF AIR AND SO MAINTAIN THE SUBSTRATE AT EQUILIBRIUM WITH THE ENVIRONMENT.



PRODUCT INFORMATION

- Suitable for interior or exterior use as a water repellent protective coating over masonry substrates, unpainted or unglazed bricks, tiles, stonework, fibre cement composition boards and cement renders.

THROUGH THE REDUCTION OF WATER ABSORPTION IT OFFERS:

- Reduction of efflorescence
- Reduces or prevents fungal growth
- Offers protection against corrosive water borne chemicals
- Maintains substrate in a pristine condition
- Provides a coating that is resistant to oxidation and chemically inert
- Single clear component, made to order, supplied ready to use.

PRODUCT CODE SC001

PRODUCT DATA INFORMATION SHEET

PACKAGING

- 5, 20 & 200 L containers

GENERAL CONSIDERATION REGARDING APPLICATION

CLIMATIC CONDITIONS

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. The coating should never be applied during adverse weather conditions, or on wet surfaces. Even if the weather seems fit, there may be condensation if the temperature of the substrate is at or below the dew point (temperature at which the atmospheric humidity condenses e.g. as dew) the product should only be applied when the temperature of the substrate is at least 2 deg C above dew point. In hot climates, the coating should be applied during the morning and late afternoon hours and if possible away from direct sunlight. Variations in temperatures will affect drying times.

APPLICATION

- Please refer to our notes on **BEST PRACTICES FOR SURFACE PREPARATION**.
- **Inspect the substrate** The plaster should be a fine wood float finish and adequate time should be allowed for it to cure prior to the application of any specialised, semi-specialised coating or paint. [use a moisture metre to confirm a reading of <15%, this may take from 7-21 days, depending on weather conditions]
- **Cracks** other than hairline must be adequately filled.
- **Remove all contaminants** e.g. dirt, grease, fungal growth etc.
- Ensure that substrate is completely dry.
- Apply 2-3 coats by brush, roller or by spray to saturate the substrate. Use a cross hatching method to apply so as to ensure that whole surface is evenly covered. Low pressure atomised spray is the preferred method of application. Allow to dry between coats.
Wet Film Thickness: 1000-333 μ per coat **Dry Film Thickness:** 50-17 μ per coat
- This product is supplied ready for use. Thinning is not recommended at all.

Precaution: The application of Marmoran Aquastop as a thick coating in extreme heat will result in the formation of a milky skin. It is better to apply successive thin coats, or apply the coating out of direct extreme heat.

SPECIFICATION FOR MARMORAN AQUASTOP

NEW WORK

Prepare the substrate and apply Marmoran Aquastop as per the manufactures' instructions.

REDECORATION

Prepare the surface by removing all loose and flaking paint, dirt, grease and grime. Make good all cracks and defects and then repair and prime to match the existing surface. Proceed as for new work.

PRODUCT DATA

Composition Polysiloxane, mineral turpentine, additives.
Solvent Type Aliphatic Hydrocarbon
Solids **Volume** 5% ± 1% **Mass** 4% ± 1%

Drying Times **Surface Dry:** 2 hours **Hard Dry:** 12 hours **Over coating Time:** 12 hours
@ 25 deg C, 65% RH Higher temperatures will accelerate the drying times (approximately halved for every 10 deg C increase)
Lower temperatures will retard the drying times (approximately doubled for every 10 deg C decrease)

Theoretical Spread rate 1-3 m² / L /coat
This figure is indicative, and subject to applicator skill and substrate type and condition.
Actual spread rates must be determined by the Applicator.

Shelf life & Storage 6 - 8 Months in unopened containers. Store in a cool dry and well ventilated place away from excessive heat or an open flame. Do not allow to freeze.

Transport **HAZARDOUS CLASS 3.** REFER TO MATERIAL SAFETY DATA SHEET

Handling & Safety Avoid inhalation. Breathing apparatus if ventilation is not adequate. Observe good housekeeping practices. Wear protective gloves, goggles, overalls, wash thoroughly after handling. Do not eat, drink, or smoke when handling this material.
Cured spillages should be gathered up and disposed off in accordance with local authority regulations. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested.

Disclaimer All information contained herein is given in good faith, based on our specialised knowledge and experience. We reserve the right to effect changes to product and specification alike in the interest of product development and improving technology.