

Water Based Concrete Sealer

Production Description

Water Based Concrete Sealer is an acrylic Sealer for concrete and other cementitious surfaces to help to protect the substrate from ingress of dirt and grime. It also improves the durability of substrate by protecting it from weathering.

Areas of Application

The product is designed to improve durability to areas such as concrete pavers, blockwork, rock landscaping, plain and coloured concrete.

Technical Data

| | |
|----------------------------------|---------------------------------------|
| Colour | Milky white liquid, clear when dried. |
| Solvent Resistance | Very good |
| Toxicity | Dry film is non toxic |
| Thinning & Clean Up | Not required. Clean with water. |
| Theoretical Coverage* | 5 sq.m. / litre. |
| Drying Time (at 25 C & RH 60%)** | Touch dry: 30 minutes |
| Packs available | 4 litre & 20 litre |

*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

** Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

Method of Application

Sealer is suitable to be applied by roller or conventional sprayer.

Surface Preparation

Ensure good ventilation by opening all windows before use. Remove oil, grease and all other sort of contaminants from substrate.

Application

For new and old concrete: New concrete must be cured for at least 14 days prior to application. Ensure surface to be coated is clean and free from grease, dirt or any other contaminants or coatings. Where necessary acid etch or pressure clean to provide a key for improved adhesion. If the surface is porous the first coat can be applied after dilution with up to 50% water. Drying time is approximately 1 – 2 hours depending on conditions. This can be followed by further coats. Up to 2– 3 coats can be applied, allowing drying between coats. It is important that the sealer is put on in thin even coats and not left to pool. As moisture entrapment can occur which will cause whitening. Application by lambswool roller or airless spray. Clean up with water.

For outside use: Follow the procedure above. However, special precautions must be taken to minimise water blushing. Ensure 50/50 dilution of the first coat, apply without pooling, and allow to dry thoroughly. Apply a further 1 to 2 undiluted coats in the same fashion, allowing thorough drying between coats. Do NOT allow pooling during application, these thicker areas may be prone to water whitening where water is allowed to pool. However most water blushing may disappear over time.

Slip reduction: Generally sealed surfaces can be more slippery, particularly smooth or steep when wet. Therefore, consideration should be given to whether a Slip Resistant Additive is necessary. Check Technical Data for Slip Resistant Additive.

Do not apply when surface temperature is below 10 °C.

DO NOT USE on freshly laid concrete.

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Flammability & Transport

- None flammable, not regulated.
- Ensure the container is secured in the vehicle for transport.

Environmental

- Do not wash painting equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Refer to state / local EPA and council web sites for environmental and safe disposal details.

Safety & Precautions

- Do not apply when surface temperature is below 10⁰ C or over 35⁰ C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions and only during daylight hours.
- Cease painting 2 hours before sunset or if weather changes are forecast.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children
- Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days.
- Check cross cut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

*Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

**Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

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