

## Water Based Concrete Curing Compound

### Production Description

Water Based Concrete Curing Compound is an acrylic copolymer curing compound for use on freshly laid concrete. It facilitates maximum moisture retention through the curing period to maximize concrete strength and durability for indoors and outdoors concrete.

Water based Concrete Curing Compound, when applied by the correct method and at the recommended application rate, leaves a dried film, which is particularly obvious. This film does not normally darken on exposure to sunlight.

### Areas of Application

The product is recommend for new substrates including renders, structural and mass concrete.

### Technical Data

Colour	Milky white liquid, clear when dried.
Solid Contents	35 ± 1%
Viscosity	>0.050Pa
Density	0.95-1.0
Thinning & Clean Up	Not required. Clean with water.
Drying Time (at 25 C & RH 60%)*	Touch dry: 1 hour
Coverage	5m <sup>2</sup> /L
Packs available	4 litre & 20 litre

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

### Compatibility

Concrete curing Compound will not darken with age and UV exposure and is designed to allow the unhindered application of most cementitious topping treatments, most commonly used flooring adhesives and most line marking paints.

### Method of Application

Recommended to be applied by low pressure conventional sprayer. Can also be applied with a soft brush, broom or wide nap roller as soon as the concrete surface is hard enough.

### Application

Stir contents thoroughly before using.

Spray Water Based Concrete Curing Compound evenly over the freshly laid concrete as soon as possible after final trowelling just after the disappearance of surface bleed water for maximum water retention (approximately 1-2 hours depending on the ambient temperature and atmospheric conditions).

Apply to vertical surfaces immediately after the formwork has been removed.

Apply at an even coverage rate of not greater than 5 m<sup>2</sup>/litre.

Ensure the concrete surface is completely free of stains, oils, form coatings etc., to obtain good adhesion of Water Based Concrete Curing Compound and to avoid discoloration or uneven surface effects.

### Clean Up

- Tools and equipment can be cleaned with water while Concrete Curing compound is wet
- Dried Concrete curing compound can be removed using propriety paint strippers or by mechanical means

## Flammability & Transport

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

## Storage

Concrete curing compound should be stored in the original unopened containers in cools, dry conditions. Store away from sources of heat or naked flame. Do not allow the material to freeze.

Concrete curing compound should be used within 12 months from date of manufacture. If the product has been stored for more than 6 months, particular care should be taken to ensure the product is thoroughly mixed before use.

## 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 10<sup>0</sup> C or over 35<sup>0</sup> 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.
- Provide adequate ventilation during use.
- Keep out of reach of children

\*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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