

# TOP COVER CONCENTRATE

## CONCRETE CURING COMPOUND

### Product Description:

Top Cover Concentrate is a water-based concrete curing compound; an acrylic co-polymer 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 visible. Top Cover Concrete is a curing compound that is resistant to UV exposure and designed to allow the unhindered application of most cementitious topping treatments; the most commonly used flooring adhesives and most line marking paints.

### Areas of Application:

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

### Dilution:

Add 4 parts potable water to the Top Cover Concentrate and stir well with a mixer.

### Technical Data:

*Colour	: Milky white liquid, clear when dried.
*Solid contents	: 10% ± 2%
*Density	: 0.95 – 1.0
*Drying Time	: at 25 C & RH 60%*
*Touch dry	: 1 hour
*Coverage	: 5m <sup>2</sup> /L

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

**\*Note:** All the values given in the technical data section is after dilution of Top Cover Concentrate with the ratio of 4 parts potable water to Top Cover Concentrate.

### Application:

Stir contents thoroughly before using. Spray Water Based Concrete Curing Compound evenly over the freshly laid concrete as soon as possible after final troweling 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 5m<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.

### Method of Application:

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



### **Flammability & Transport:**

Non-flammable not regulated.

### **Clean Up:**

Tools and equipment can clean with water while concrete curing compound is wet. Dried Concrete curing compound can be removed using propriety paint strippers or by mechanical means.

### **Packaging:**

5, 20, 30 & 200 liters packaging.

### **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.

### **Safety & Precautions:**

Do not apply when surface temperature is below 0°C or over 50°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.

### **Note:**

\*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 is 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.