

## LIQUID FLOOR HARDENER AND DUST PROOFER

### DESCRIPTION

A ready to use economical liquid floor hardener and dust proof. It impregnates the surface of the concrete causing a reaction between the chemical solution and components of the cement to deposit siliceous materials which close the pores. The end result being a hardened and dust proof surface.

### USES & ADVANTAGES

As a replacement to traditional shake on monolithic floor hardeners. Providing a hardened dust free surface for new and old concrete floors and granolithic paving.

#### Advantages include:-

- Penetrates to a depth of 1 - 1.5 cm.
- Hard dust free finish.
- Permeability of the concrete surface is reduced.
- Acid/chemical resistance of the concrete surface is increased.
- Ready to use.
- Replaces shake on floor hardeners.
- Easy to apply by contractor. No need for special applicators.
- Reduced cost over shake on hardeners.
- No debond as with shake on hardeners.

### PROPERTIES @ 25°C

<b>Component:</b>	Single
<b>Appearance:</b>	Clear to opaque liquid
<b>Specific Gravity:</b>	1.12 ± 0.02 kg./L
<b>Impact Test:</b> (ASTM C805)	10-20% increase over untreated Surface
<b>Toxicity:</b>	Non-Toxic
<b>UV resistance:</b>	No adverse effects.
<b>Water Exposure:</b>	No adverse effects.

**Note:** Hardness depends on depth of penetration, concrete texture & porosity & coverage rate.

### METHOD OF USE

It is preferable to apply **Contop S** between 14 - 28 days after placing concrete, however, it can be applied earlier or any time later. It is especially effective on old concrete. The concrete surface should be clean and free from oil and grease. Wash the concrete surface with water and detergent wash off with clean water and allow to dry for 24-48 hours.

### APPLICATION

**Contop S** is ready to use and can be sprinkled over the surface with a watering can or by soft broom. **Contop S** should be spread evenly and brushed in well. Bubbles should not be allowed to form. For most concrete 2 coats are sufficient. However, for particularly porous concrete a third coat may be required. 24 hours should be allowed between application of each coat. After the final treatment the surface should be washed down with water. Agitate before use.

### IMPORTANT NOTES

The surface treatment of the concrete by power floating or vacuum dewatering can make the surface of the concrete very dense and impermeable. After such treatment it is advisable to test a small area of concrete prior to the application of **Contop S** to ensure that impregnation occurs and that the surface is not made glassy or white.

### COVERAGE RATES

Depending on the porosity up to 6 m<sup>2</sup>/litre/coat.

### PACKAGING

25 litre pails; 200 litre steel drums.

### STORAGE & SHELF LIFE

**Contop S** should be stored protected from sunlight. The shelf life is 12 months in original sealed containers.

### HEALTH & SAFETY

**Contop S** is alkaline in nature. Wear protective clothing and void skin contact. If contacted wash well with water. If eyes are effected wash with clean water and obtain medical attention.

### TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

### QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

### CONTACT DETAILS

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