

## A PREMIXED EMERY BASED MONOLITHIC SURFACE HARDENING COMPOUND

### DESCRIPTION

**Contop Plus E** is a premixed non rusting floor hardener used to form a monolithically hardened concrete floor. It gives an abrasion resistant and hard wearing surface and is applied by shake on methods.

### USES & ADVANTAGES

**Contop Plus E** is used to provide a hard wearing abrasion resistant surface. It is an extremely hard chemically inert aggregate based product and provides a non slip surface. Use in loading bays, trucking lanes, car parks, warehouse floors, repair and machine workshops & production areas.

#### Advantages include:

- Forms a monolithic bond with concrete.
- Resistant to oil and grease.
- Does not rust.
- Easy and economical to apply.
- Various colours.
- Extremely strong, hard wearing abrasion and impact resistant floor.
- Performs to the same level of Al<sub>2</sub>O<sub>3</sub> based materials with contents in excess of 55%.
- Forms dense non porous extremely abrasion resistant floor.
- Contains very hard aggregates 9 on Moh's hardness scale.

### PROPERTIES

<b>Appearance:</b>	Grey or coloured powder. Colour may vary when applied.
<b>Composition:</b>	Suitable for use with all Portland cement including S.R.C.
<b>Abrasion Resistance:</b>	Tested to ASTM 779 B, ASTM D4060 Taber Test, ASTM C944, BS 6431 and BS 8204 Gives 250-300% improvement over plain concrete
<b>Moh Hardness:</b>	Aggregate 9
<b>Compressive Strength:</b>	In excess of 90 N/mm <sup>2</sup> ASTM C109 at 28 days

### APPLICATION

Once the freshly poured and leveled concrete has reached its plastic state the substrate should be smoothed using mechanical trowels. After bleed water has evaporated and concrete has a wet shine **Contop Plus E** should be sprinkled over the concrete surface at the recommended rate of application.

When the applied **Contop Plus E** appears uniformly moistened level out with a wood float or a power float. Finish with a steel trowel to obtain a smooth, uniform surface.

### COVERAGE RATES

Light Traffic	2-3 kg/m <sup>2</sup>
Medium Traffic	3-4 kg/m <sup>2</sup>
Heavy Traffic	4-5 kg/m <sup>2</sup>

### PACKAGING

25 kg. 4 Ply plastic lined bags.

### STORAGE & SHELF LIFE

Store in dry conditions in unopened bags.  
Shelf life minimum of 6 months if stored correctly.

### HEALTH & SAFETY

Avoid inhalation of dust. Wear suitable protective clothing, gloves, eye protection and respiratory protection. In case of contact with eyes rinse immediately with plenty of clean water & seek medical advise. If swallowed seek medical attention immediately do not induce vomiting.

Fire: **Contop Plus E** is non flammable.

### 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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