



# METZ 7M

## CONCRETE SURFACE HARDENER



### DESCRIPTION:

METZ 7M is a specially formulated solution used to densify and harden concrete surfaces. It reacts with free lime in the concrete converting it to an insoluble compound.

### FEATURES AND BENEFITS:

METZ 7M is a dust-proofing binder for friable surfaces of concrete, stonework, etc. which:

- 1 Extends the service life of existing concrete floors.
- 1 Protects and hardens, increasing durability and abrasion resistance.
- 1 Inhibits the penetration of water, oil and grease.
- 1 Provides increased protection against mild chemical attack.
- 1 Reduces dusting and minimises machinery maintenance.

Treated surfaces may be usually opened to traffic after 24 hours.

METZ 7M chemically reacts with the lime in the concrete to form an insoluble matrix that creates a hard, dense, abrasion resistant surface as shown below.

UNTREATED SURFACE



SURFACE TREATED WITH METZ 7M



### RECOMMENDED:

- 1 For deteriorating concrete floors.
- 1 On powdery or friable masonry surfaces.
- 1 On new concrete to protect against water, oil and grease penetration by hardening the surface.

### NOT RECOMMENDED:

- 1 On coloured surfaces as this may cause blotchiness.
- 1 On concrete less than 14 days old.
- 1 On surfaces which have little or no Portland cement content.

### COVERAGE:

Minimum of 2 coats are required. One (1) litre of METZ 7M will treat approximately 2 square metres in 2 coats.

### PACKAGING:

METZ 7M is supplied in 20 litre or 200 litre drums.

### APPLICATION TEMPERATURE:

The application temperature for METZ 7M must be above 0°C. At lower temperatures the liquid can freeze.



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### INSTRUCTIONS FOR USE

#### 1. Temperature of Working Area

Maintain a temperature above 0°C on the METZ 7M liquid, substrate and air during mixing and application.

#### 2. Surface Preparation

All surfaces must be dry and free from contaminants.

#### 3. Coverage

Minimum of 2 coats are required.

One (1) litre of METZ 7M will treat approximately 2 square metres in 2 coats.

#### 4. Application

Thoroughly clean the concrete to be treated. Apply METZ 7M by brush, broom or spray to the surface at a rate of not less than 1 litre every 4 square metres per coat. Apply a minimum of 2 coats.

Allow 4 hours between coats so that the first coat can sufficiently penetrate the surface.

#### 5. Safety Precautions

Avoid contact with skin and eyes. Wear protective gloves, chemical safety glasses and safety shoes.

If splashed in eyes, immediately commence washing with water. Continue washing for at least 30 minutes.

Seek medical attention immediately.

If contacted with skin, wash with large amounts of water.

Remove contaminated clothing.

If liquid is spilled, wash with large amounts of water or absorb with sand. Do not allow to run down drains.

For full safety precautions refer to the Material Safety Data Sheet for each component.

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