

HARDOSIL

Liquid Based Floor Hardener & Dust Proofer

DESCRIPTION

HARDOSIL is a milky white low viscosity liquid for application to concrete. It hardens and dustproofs the surface.

ADVANTAGES

- Permanent treatment.
- New or old floors can be treated.
- Simple and easy to use.
- Used straight from the container.
- Economical.
- Dustproof.
- Weatherproof.
- Easy to clean.
- Hygienic.
- Chemical Resistant.

USES

Hardening and dustproofing concrete floors or cement-based wearing screeds and pavings in:

- INDUSTRIAL FLOORS
- WAREHOUSES
- CHEMICAL PLANTS
- AIRCRAFT HANGERS
- DAIRIES
- CONCRETE ROADS
- CAR PARKS
- DAMS
- WATER RESERVOIRS
- FACTORIES
- GARAGES
- INDUSTRIAL UNITS.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Remove all oil, grease, etc. using a degreasing solution. Brush the floor with a hard broom or wire brush. Remove all dust and loose matter using a soft broom or industrial vacuum. If wetting of the floor has taken place during preparation it must be allowed to dry out before commencement of **HARDOSIL** application.

APPLICATION

Shake well before use. Pour evenly, or use a plastic watering can to sprinkle the **HARDOSIL** liquid over the surface of the concrete. Then sweep the **HARDOSIL** backwards and forwards over the floor to ensure even penetration. Any **HARDOSIL** not totally absorbed into the surface should be removed by mops or squeegees before drying. 24 hours after initial treatment, apply a second coat in a similar manner (some floors may require three coats). 24 hours after

the final coat, wash down the floor using clean water. The floor may be walked on and used during the treatment period.

On terrazzo floors the surface is saturated with water prior to each application of **HARDOSIL**.

All equipment should be washed in clean water immediately after use.

CAUTIONS

New concrete should be allowed to cure fully (21 days minimum).

Hard compacted / power floated surfaces may not have sufficient porosity to allow absorption of the **HARDOSIL**. Prior to treatment test for absorption of water. If concrete is absorbent, test a small area with neat **HARDOSIL** and diluted **HARDOSIL** to see whether penetration is achieved. Then proceed accordingly. If in doubt, ask for technical assistance from your **MITCHELL** representative.

HARDOSIL is not suitable for floors of high porosity. In such cases the use of **HARDOSOL** should be considered.

Take care to protect glass, paintwork, brickwork, furnishings, etc., from splashes. Do not use **HARDOSIL** on colored concrete, brickwork or masonry. **HARDOSIL** will not work on weak, friable or dusting concrete.

PACKAGING

200 Liters Drums

COVERAGE

As porosity and texture of concrete floors and cement pavings vary considerably, it is not possible to quote accurate coverage rates, but the following will provide a guide:

4 to 5 m²/liter

STORAGE

12 months in sealed container.

Store under cover out of direct sunlight and protect from extremes of temperature.