

MasterTop[®] 20

Concrete hardening and dustproofing liquid

DESCRIPTION OF PRODUCT

MasterTop 20 is a colourless low viscosity liquid for application to concrete. It hardens and dustproofs the surface.

TYPICAL APPLICATIONS

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

- Factories
- Garages
- Industrial units

ADVANTAGES

- Permanent treatment
 - New or old floors can be treated
 - Simple and easy to use
 - Used straight from the container
 - Economical

ACTION

By combining with the free lime produced during hydration of the cement, **MasterTop 20** forms hard insoluble crystals thus binding the particles together and sealing the surface to form a hard non-dusting surface.

COMPOSITION

MasterTop 20 is an aqueous solution of sodium silicate plus surface active chemicals.

PACKAGING

MasterTop 20 is available in 210ltr drums.

APPLICATION

PROCEDURE

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 **MasterTop 20** application.

METHOD OF APPLICATION:

Stir the **MasterTop 20** before use. Pour evenly, or use a plastic watering can to sprinkle the **MasterTop 20** liquid over the surface of the concrete. Then sweep the **MasterTop 20** backwards and forwards over the floor to ensure even penetration. Any **MasterTop 20** not totally absorbed into the surface should be removed by mops or squeegees before drying.

Twenty-four hours after initial treatment, apply a second coat in a similar manner (some floors may require three coats). Twenty-four hours after the final coat, wash down the floor using clean water.

The floor may be walked on and used during the treatment period.

WATCHPOINTS NEW CONCRETE:

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

DENSE FLOORS:

Hard compacted/power floated surfaces may not have sufficient porosity to allow absorption of the **MasterTop 20**. Prior to treatment, test for absorption of water. If concrete is absorbent, test a small area with neat **MasterTop 20** and diluted **MasterTop 20** to see whether penetration is achieved. Then proceed accordingly. If in doubt, ask for technical assistance from your Master Builders Solutions representative.

POROUS FLOORS:

MasterTop 20 is not suitable for floors of high porosity. In such cases, the use of MASTERKURE 194 should be considered.

OTHER PRECAUTIONS

Take care to protect glass, paintwork, brickwork, furnishings, etc., from splashes. Do not use **MasterTop 20** on coloured concrete, brickwork or masonry.

MasterTop® 20

Note: MasterTop 20 will not work on weak or friable concrete.

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:

Tamped concrete: Approx. 3.0m²/ltr
Smooth concrete: Approx. 5.0m²/ltr

EQUIPMENT CARE

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

SPECIFICATION CLAUSE

MASTERTOP 20:

All concrete, granolithic and screed wearing surfaces shall receive two coats of **MasterTop 20** colourless hardener and dustproofer, as manufactured by Master Builders Solutions or similar approved, to the following specification:

Composition:	A colourless, aqueous solution of sodiumsilicate plus surface active chemicals
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The liquid shall be applied strictly in accordance with the manufacturer's recommendations.

STORAGE

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

Failure to comply with recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult Master Builders Solutions's Technical Services Department.

SHELF LIFE

Up to 12 months if stored in unopened containers according to manufacturer's instructions.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information, contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY STATEMENT

All products manufactured by Master Builders Solutions Egypt, or imported from Master Builders Solutions affiliate companies world-wide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

* Properties listed are based on laboratory controlled tests.

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