

MasterTop 20

Concrete hardening and dust proofing liquid

MATERIAL DESCRIPTION

MasterTop 20 is a colourless low viscosity liquid for application to concrete. It improves the general abrasion resistance and non-dusting characteristics of the surface.

TYPICAL APPLICATION

Surface enhancement and dust proofing concrete floors or cement-based wearing screeds and paving in:

- Factories
- Garages
- Industrial units
- Warehousing

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 20 and 200 litre containers.

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. Using a soft broom, sweep the **MasterTop 20** backwards and forwards over the floor to ensure even penetration. Any **MasterTop 20** not totally absorbed into the surface **MUST** 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, but should not be subjected to water.

WATCHPOINTS

New Concrete:

New concrete should be allowed to cure fully (14 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** 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 181** should be considered.

OTHER PRECAUTIONS

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

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

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COVERAGE RATE

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. 3.5-5m ² /ltr	Two coats
Smooth concrete	Approx. 5-7m ² /ltr	Two coats
Dense power trowelled t	Approx. 9-10m ² /ltr	One coat

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 densifier and dust proofer as manufactured by Master Builders Solutions, to the following specification:

Composition:

A colourless, aqueous solution of sodium silicate plus surface active chemicals. 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 temperatures. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions' Technical Services Department.

DISCLAIMER

The technical information and application advice given in this MB Construction Chemicals Solutions South Africa (Pty) Ltd publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

MB Construction Chemicals Solutions South Africa (Pty) Ltd reserves the right to have the true cause of any difficulty determined by accepted test methods. Undertaking such tests is not, and shall not be deemed to be, an admission of liability or an assumption of any risk, loss, damage or liability.

QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions South Africa (Pty) Ltd are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

* Properties listed are based on laboratory controlled tests.