

PRODUCT DATA SHEET

Sikafloor[®]-20

(formerly MTop 20)

Concrete hardening and dustproofing liquid

DESCRIPTION

Sikafloor[®]-20 is a colourless low viscosity liquid for application to concrete. It hardens and dustproofs the surface.

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

USES

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

- Factories
- Garages
- Industrial units

CHARACTERISTICS / ADVANTAGES

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

PRODUCT INFORMATION

Chemical Base	Sikafloor [®] -20 is an aqueous solution of sodium silicate plus surface active chemicals.
Packaging	Sikafloor [®] -20 is available in 210ltr drums.
Appearance / Colour	A colourless, aqueous solution of sodiumsilicate plus surface active chemicals
Shelf Life	Up to 12 months if stored in unopened containers according to manufacturer's instructions.
Storage Conditions	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.

APPLICATION INFORMATION

Consumption	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. 3.0m ² /ltr
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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

NOTES ON INSTALLATION

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 Sikafloor®-20. Prior to treatment, test for absorption of water. If concrete is absorbent, test a small area with neat Sikafloor®-20 and diluted Sikafloor®-20 to see whether penetration is achieved. Then proceed accordingly.

POROUS FLOORS:

Sikafloor®-20 is not suitable for floors of high porosity. In such cases, the use of Sikafloor® Antisol should be considered.

OTHER PRECAUTIONS

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

Note: Sikafloor®-20 will not work on weak or friable concrete.

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 Sikafloor®-20 application.

APPLICATION

Stir the Sikafloor®-20 before use. Pour evenly, or use a plastic watering can to sprinkle the Sikafloor®-20 liquid over the surface of the concrete. Then sweep the Sikafloor®-20 backwards and forwards over the floor to ensure even penetration. Any Sikafloor®-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.

CLEANING OF TOOLS

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

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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