

PRODUCT DATA SHEET

Sika® Film

Evaporation Control and Finishing Aid liquid concentrate

DESCRIPTION

Sika® Film is a 1-part liquid concentrate which controls the moisture evaporation from the freshly cast concrete flatwork surface in addition to functioning as a finishing aid.

USES

- All applications where a superior finish is required on concrete flatwork
- Protects concrete from the effects of excessive moisture loss in rapid drying conditions

CHARACTERISTICS / ADVANTAGES

- Eliminates the need to add water to low slump concrete or spraying water on the concrete surface to aid finishing
- Good finishing aid to fresh concrete for extra smooth and durable concrete floors
- Reduces plastic shrinkage cracking caused by evaporation in low humidity conditions such as heat and high winds
- Finishing aid to fresh concrete that produces little or no bleed water, such as microsilica or air entrained mixes

PRODUCT INFORMATION

Packaging	10 litre pail 205 litre drum
Appearance / Colour	Blue liquid
Shelf life	24 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.
Density	1.0 kg/litre approximately

APPLICATION INFORMATION

Consumption	When diluted at a ratio of 1:8, 1 litre of Sika® Film will yield 9 litres of liquid. Depending on surface profile and texture the total diluted material covers an area of approximately 35-90 m ² . These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc. Dosage rates outside the recommended range may be used when project conditions require special consideration. Contact Sika Technical Services for additional information.
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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.

FURTHER INFORMATION

It is recommended that a dilution of 1:5 (Sika® Film:Water) be used for very low humidity and windy condition.

IMPORTANT CONSIDERATIONS

- Sika® Film is NOT a curing compound.
- Sika® Film does not adversely affect the surface hardness of concrete, when applied at the recommended coverage rate.
- Sika® Film can be used with concrete containing retarding, accelerating, water reducing or superplasticising admixtures.

For additional information, please contact your local Sika® Representative.

APPLICATION INSTRUCTIONS

APPLICATION

Dilution

Thoroughly mix 1 part Sika® Film with 8 parts of water by volume.

Finishing Aid

Apply the diluted Sika® Film solution with a fine mist sprayer as soon as possible after placing concrete and before floating and trowelling operations.

Evaporation Control

Apply the diluted Sika® Film solution with a fine mist sprayer as soon as possible after floating and trowelling operations.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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