

PRODUCT DATA SHEET

Sika® Igolflex®-681

(formerly MSeal 681)

Bitumen Emulsion with High Viscosity

DESCRIPTION

A water base Bituminous coating for damp-proofing of concrete surfaces subjected to aggressive soils. Sika Igolflex® - 681 is complies with ASTM D-1227 type 3 Class 2

USES

Sika Igolflex® -681 is directly used for protection of foundations, basements and below ground concrete from salt attack. It is used as a damp proof protective coating

FEATURES

- Easy application (Brush, roller or airless spray).
- No heating required (cold application).
- Can be applied over damp surfaces.
- Increased coverage rates.
- Not contain solvent so no solvent odor and not need special health precaution during application.
- High resistance to aggressive salts.

CERTIFICATES AND TEST REPORTS

Sika Igolflex® -681 complies with ASTM D1227 type 3 class 2 VOC Content < 100 g/l.

PRODUCT INFORMATION

Composition	Bitumen Emulsion
Packaging	Drums : 200 , 180 kg Metal or plastic Pail : 18 , 15 , 10 kg
Colour	Browne-black turns to black film after drying
Shelf life	12 months from date of production if stored properly in original unopened packing at 20 °C.
Storage conditions	▪ In dry conditions ▪ Do not store in direct sunlight. ▪ Avoid humidity, cold freezing conditions
Density	1.10 ± 0.10
Solid content	50 % ± 5%

APPLICATION INFORMATION

Consumption	0.4- 0.5 kg/m ² / coat
Curing time	Approx. 2-3 days
Waiting time to overcoating	Min. 5 hours
Drying time	Approx.. 2 hours

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

SUBSTRATE PREPARATION

All surfaces must be clean, free from oil, grease, standing water and all loosely adhering particle

APPLICATION

- Should be stirred well before application
- Could be applied using ordinary painting tools that have been wet before use such as brush or roller, it could be also applied using spray equipment's
- First coat dilution with water 5 -10 %
- The dilution is increased in case of highly porous surfaces or when using spraying equipment. By brush or roller.
- Minimum 2 coats are required.

CLEANING OF EQUIPMENT

Clean with water for non-hardened material, for hardened materials use Sika Thinner 2.

LOCAL RESTRICTIONS

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

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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Product Data Sheet

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