

## PRODUCT DATA SHEET

# Sika® Antisol® MP-10

Curing agent for fresh and hardened concrete surfaces

### PRODUCT DESCRIPTION

Sika® Antisol® MP-10 is a solvent-free wax emulsion which creates a protective film on the concrete surface.

### USES

Sika® Antisol® MP-10 is a liquid curing compound reducing evaporation from exposed surfaces of fresh and hardened concrete.

Sika® Antisol® MP-10 is suitable for:

- Concrete for traffic areas e.g. Roads, airfields and external paving.
- Screed
- Horizontal concrete surfaces without subsequent coating
- Vertical concrete surfaces without subsequent coating
- Use in higher ambient temperatures, strong sunlight, wind movement as well as in low humidity

### CHARACTERISTICS / ADVANTAGES

Sika® Antisol® MP-10 is a highly effective solvent-free wax emulsion and creates, after drying, a largely water vapour impermeable protective film on the concrete surface.

This promotes:

- Blocking the surface pores of the concrete
- Reduction of water evaporation
- Protection against desiccation
- Reduction in shrinkage cracking
- Improved durability in the concrete surface.

The protective layer formed will degrade over time and with mechanical intervention. It must be fully removed if a subsequent covering requires adhesion to the concrete surface.

### APPROVALS / STANDARDS

Sika® Antisol® MP-10 complies with the "Technical delivery conditions for liquefied concrete curing agents" TL NBM-StB 09.

Average Curing Efficiency of Sika® Antisol® MP-10 88% at 150g/m<sup>2</sup> when tested to TL NBM-StB 96 with a slip resistance  $\geq 50$  (Average 56).

Water Loss 0.4kg/m<sup>2</sup> when tested to ASTM C 309 at 150g/m<sup>2</sup>.

### PRODUCT INFORMATION

Chemical Base	Paraffin wax
Packaging	Bottle: 10 kg Can: 20 kg Drum: 190 kg
Appearance / Colour	White liquid
Shelf Life	Six months from date of production when stored correctly in sealed containers. Mix well before using after longer storage times.
Storage Conditions	Protect against frost, strong sunlight and contamination.

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## APPLICATION INFORMATION

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**Consumption**100 to 200 g/m<sup>2</sup> depending upon surface texture.

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### VALUE BASE

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

Product not suitable for application to surfaces below +1°C.

Immediately after finishing the surface, spray on Sika® Antisol® MP-10 evenly and with full coverage. The sooner the application is executed, the more effective the protection is. Remove puddles and pools of water before processing. A fresh curing film appears on the surface initially as white; different application thicknesses can lead to stain formations. Additional curing activities are required with very high or low temperatures. A comprehensive, no residue removal of the protective film by e.g. steam jetting or good brushing is necessary when a subsequent application of concrete, mortar, plaster, composite screed, construction adhesives, paint-type material etc. is to be executed. Stir thoroughly or shake before use after prolonged storage. Avoid contamination, ensure spray nozzles and equipment are thoroughly cleaned after use to prevent blockages.

### 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.

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