

PRODUCT DATA SHEET

Sika® Antisol®-185 IN

(formerly MasterKure® 185 IN White)

Water based acrylic copolymer curing compound and sealer

DESCRIPTION

Sika® Antisol®-185 IN is a modified acrylic based, water dispersed, membrane forming, curing compound for use on plain or coloured concrete. Sika® Antisol®-185 IN meets and exceeds the moisture retention requirements of ASTM C309 and ASTM C1315 when applied at the recommended rate and is highly effective for curing freshly placed and de-shuttered concrete. The resultant film formed post application of Sika® Antisol®-185 IN, retains sufficient moisture in concrete to ensure complete hydration and necessary strength development. The film also acts as a primer for subsequent coatings on concrete such as water-based emulsion paints, thin section polymer modified cementitious system or plaster.

USES

- Curing plain and coloured fresh concrete floors, smooth or textured surfaces, indoor or outdoor applications.
- Curing cementitious toppings and surface hardening finishes.
- Curing of concrete that will have an additional topping such as cement based tile adhesives or toppings.

CHARACTERISTICS / ADVANTAGES

- Efficient curing of concrete - seals in moisture to facilitate complete hydration of cement matrix, maximising strength, increasing durability, improving wear resistance and minimising surface dusting.
- Non-yellowing and safe - will not increase the slipperiness of concrete floors.
- Easy to use - can be applied by brush, roller or spray and does not interfere with the adhesion of additional cement based toppings.
- Multi-purpose - can be applied to smooth or rough surfaces.
- Glossy - leaves polished glazed appearance on floor surface and can be recoated to provide semi-gloss surface.
- Eco-Friendly, free from solvents
- Limits cracks due to plastic and drying shrinkage

PRODUCT INFORMATION

Packaging	Sika® Antisol®-185 IN is available in 20 litre and 200 litre drums
Shelf life	6 months in un opened, original sealed packaging. Protect from direct sunlight.
Storage conditions	Store in dry conditions at temperatures between +5°C and +40°C. Protect from direct sunlight and frost.
Appearance / Colour	Clear / White liquid
Density	For Clear : 1.00 ± 0.03kg/l @ 25°C For White : 1.02 ± 0.02kg/l @ 25°C

APPLICATION INFORMATION

Consumption

Actual coverage depends on the texture and porosity of the surface. For curing fresh concrete floors, apply at a rate of 5 – 6 sq.m per litre to meet moisture retention requirements of ASTM C1315. For sealing of existing plain or coloured concrete floors, coverage will vary depending on the texture and porosity and ambient temperatures however it will generally be in the range 7.5 to 10m² per litre per coat, two coats recommended.

APPLICATION

Apply as soon as the surface has hardened sufficiently to prevent marring. The surface should be damp but with no free water. Do not wait overnight before applying Sika® Antisol®-185 IN.

Use a short nap roller (not lambswool or pile rollers). Do not add extra water.

Avoid overlapping and retouching of dried areas. Do not use in excess of 5m² per litre on fresh concrete. Sika® Antisol®-185 IN can be sprayed using a low-pressure spray, e.g. backpack spray. Wear masks and avoid inhaling droplets.

Allow surface to dry thoroughly (minimum 3 hours at 21°C) and ban all access until concrete has developed sufficient strength to withstand traffic.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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