

PRODUCT DATA SHEET

Monotect

SURFACE DUSTPROOFER AND HARDENER

DESCRIPTION

Monotect is a liquid surface hardener and dustproofer for new and old concrete. It is supplied ready for use and is quick and easy to apply. Within 48 hours the surface treated is ready to use. Note that Monotect is designed for application on to porous and dusting concrete and not those which have a dense surface finish or are waterproof (e.g. contain Ronafix® or are based on a similar product). The chemicals in Monotect react with the free lime in the concrete and convert the particles to hard, stable crystals. These crystals are bonded to the concrete and become an integral part of it.

USES

- Hardening new and old concrete floors
- Dust-proofing new and old concrete floors

CHARACTERISTICS / ADVANTAGES

- Simple to use
- Cost effective
- Excellent durability
- Reduces ingress of chemicals
- Low VOC

PRODUCT INFORMATION

Packaging	5 litres drum 30 litres drum
Shelf life	9 months from the date of production
Storage conditions	Stored properly in undamaged and unopened original sealed packaging in the temperature range +5 °C to +25 °C. Protect from direct sunlight and frost.

APPLICATION INFORMATION

Yield

Coverage is determined by the porosity of the concrete. For estimating purposes a figure of 6–8m² per litre of Monotect per coat can be used.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The floor should be clean, free of oil and grease and dry (slight dampness is acceptable). New concrete should be left for seven to fourteen days before applying Monotect. Remove contamination and lightly abrade the concrete floor by wire brushing or similar to open up the matrix of the concrete so that the Monotect can soak into the composite and react.

APPLICATION

First Coat

Pour or spray the material over the concrete surface and sweep in all directions (with a brush, broom or squeegee) until no more is absorbed. Any dry spots should be re-treated. Remove excess Monotect with a soft broom or squeegee. Allow the Monotect to be absorbed into the concrete leaving a dry surface. A drying period of 12–24 hours is normally sufficient. Avoid ponding, as this will prevent the material correctly functioning.

Second Coat

After 12–24 hours apply the second coat. Avoid ponding as this will prevent the material correctly functioning. Make certain that excess Monotect is removed. After 12–24 hours sweep the concrete surface to remove surface crystal growth. Sweeping may need to be repeated for some time whilst the reaction continues.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with clean water immediately after use.

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.

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.

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 (MSDS) containing physical, ecological, toxicological and other safety-related 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. 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.

SIKA HONGKONG LTD.

Rm.1507-12, Blk A, New Trade Plaza,
6 On Ping Street, Shatin, N.T., H.K.
Phone: +852 26868108
Fax: +852 26453671
Mail: marketing@hk.sika.com
Website: www.sika.com.hk



Product Data Sheet

Monotect
February 2020, Version 01.02
020815010110000022

Monotect-en-HKRON-(02-2020)-1-2.pdf