

PRODUCT DATA SHEET

Monocure 50

Standard Efficiency Water Based Spray on Curing Membrane

DESCRIPTION

Monocure 50 is a solvent free concrete curing membrane which is spray applied to concrete and mortar surfaces soon after placing to prevent the rapid drying out of water of hydration.

The elimination of most water loss from the surface of fresh concrete and mortar reduces cracking and crazing of exposed surfaces, facilitates cement hydration, improves surface hardening and reduces dusting. Monocure 50 replaces damp hessian or PE and is easily spray applied to surfaces.

Monocure 50 is a water based spray on curing membrane which is specifically formulated to allow overcoating with cementitious renders after 24 hours and to have no detrimental effect on the bond of subsequent paint finishes.

CHARACTERISTICS / ADVANTAGES

- Water based
- > 75 % curing efficiency when tested according to BS7542 : 1992
- Can receive coatings and subsequent construction
- Low VOC

USES

- Curing of concretes, mortars, renders, screeds and other cementitious construction

PRODUCT INFORMATION

Packaging	5 litres drum 30 litres drum
Appearance / Colour	Milky white - clear on drying
Shelf Life	9 months from the date of production
Storage Conditions	Stored properly in undamaged and unopened original sealed packaging in the temperature range from +5 °C to +35 °C. Protect from direct sunlight and frost.

APPLICATION INFORMATION

Ambient Air Temperature	> 5 °C
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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 Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

VOC DATA

28 g/litre when tested according to USEPA Method 24

APPLICATION INSTRUCTIONS

Monocure 50 curing membrane should be applied by low pressure spray to the surface of newly placed mortar or concrete. The entire surface of the concrete should be covered as soon as possible after placing to provide maximum benefits.

The spray nozzle should be held 30 cm–50 cm from the surface and the pressure maintained to provide a fine even spray. Care should be taken to produce a continuous film and to ensure that the correct coverage rate is maintained.

Coverage

Grade	Rate Per m ²	Coverage Rate
Monocure 50	150–200 ml per m ²	5.0–6.5m ² per litre

Shuttered Concrete

On shuttered concrete Monocure 50 must be applied immediately after the formwork has been struck and any necessary repairs completed. If the concrete surface is dry, damp with clean water before applying Monocure.

Cleaning of Equipment

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

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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