

PRODUCT DATA SHEET

Sika® Primer S

CLEAR SOLVENT BASED PRIMER AND SEALER

DESCRIPTION

Sika® Primer S is a clear, solvent based primer and sealer for use with Sika water-based protective coatings.

USES

- Principally exterior use
- Used as a primer/sealer to prepare the surface of absorbent substrates, prior to the application of, and to aid the adhesion of, Sika water-based protective coatings
- Typical substrates include concrete, concrete masonry, fibre cement, brick and aerated concrete

CHARACTERISTICS / ADVANTAGES

- Superior penetration, adhesion and binding of powdery surfaces
- High penetrability and priming/sealing properties
- Fast dry and short time to "water-shedding" protection
- Protects against efflorescence, blistering and alkaline saponification breakdown

PRODUCT INFORMATION

Packaging	20 litres
Appearance / Colour	Clear liquid, dries clear and glossy
Shelf Life	Twelve (12) months from date of manufacture if stored as stated.
Storage Conditions	Store in unopened, original containers at temperatures between +5°C and +35°C. Do not allow to freeze.
Density	0.84 kg/litre
Flash Point	31°C
Solid Content	18% (by weight)

TECHNICAL INFORMATION

Service Temperature	-20°C to +60°C
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APPLICATION INFORMATION

Consumption	~6-8 m ² /litre/coat or ~0.11-0.14 kg/m ² /coat
Substrate Temperature	+10°C to +30°C

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure surfaces are clean, sound, dry, and free from grease, oil, efflorescence, laitance, loose matter, mould, mildew, curing compounds, release agents, or any other contaminants that may impair adhesion. All substrates are to be flat and within specified surface tolerances or the equivalent of NZS 3114; 1987 - Class F5 (concrete surface finish). All faults must be corrected prior to commencement of the coating work. Substrates must be properly designed and be structurally sound and stable. Concrete must have 28 days cure.

APPLICATION METHOD / TOOLS

Application and drying conditions: Max. 85% RH, +10°C to +30°C. Stir Sika® Primer S to ensure contents are homogeneously blended. Apply using brush or medium nap roller, working the sealer well into the surface. Spray application of primers/sealers onto porous surfaces is not recommended unless over-rolled after application to maximise penetration and sealing properties. Do not apply in high wind, very hot conditions, direct sunlight or when rain is imminent. **Curing Conditions:** It is necessary to protect the newly applied material from rain, freezing conditions, high relative humidity, and physical damage. Failure to do so may result in the coating being washed off, failing to form a film, or bubbling when dried. Wind or ventilation will aid the drying process. Hot weather can also cause problems. In this case the coating dries too quickly causing lapped edges to dry and leave roller or brush marking. To help maintain a wet edge carefully program the work to break work areas into smaller sections or work in the shade, preferably ahead of the sun. **Overcoating:** Sika® Primer S may be overcoated with any of the Sikagard®-550 Elastic protective coatings. **Dry Film Thickness:** ~ 20 microns. **Cleaning:** Clean up tools with mineral turpentine or Sika Thinner C.

LIMITATIONS

- Do not use below ground or subject to permanent wetting or water ponding situations.
- Do not apply Sika® Primer S to damp surfaces.
- Sika primers/sealers are recommended for use only as described on this Product Data Sheet.
- Surface irregularities are exaggerated by different lighting conditions, particularly light shining obliquely the surface of a wall. Contrary to common perception, texture coatings will not conceal inadequate surface profile or preparation and have limited ability to conceal defects.

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 Safety Data Sheet (SDS) 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.

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