

PRODUCT DATA SHEET

SikaShield® Titanol S

Solvent-based, fast-drying, low-viscosity bitumen coating as primer

DESCRIPTION

SikaShield® Titanol S is a solvent-containing, fast-drying, low-viscosity bitumen primer.

USES

Fast drying bitumen primer for exterior use.
Adhesion primer for bitumen vapor barrier and waterproofing membranes on all mineral, absorbent substrates (e.g. concrete and cement surfaces).

FEATURES

- Good adhesion
- Fast drying
- No frost-proof storage
- Paintable and sprayable
- Chemically well tolerated

PRODUCT INFORMATION

Composition	Bitumen percentage approx. 50 mass-% White spirit	
Packaging	▪ 25 l metal bucket	
Colour	black	
Shelf life	24 months if stored properly	
Storage conditions	Store in the original sealed container and in dry, temperature protected storage	
Density	Approx. 0.9 kg/dm ³	
Flash point	+23 to +30 °C	(EN 22719)
Volatile organic compound (VOC) content	42 to 48 %	
Viscosity	Flow time ≤ 10 s	(EN 12846)

TECHNICAL INFORMATION

Softening point	of recovered bitumen according to ring and ball test ≥ +45 °C	(EN 1427)
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APPLICATION INFORMATION

Consumption	0.25 to 0.3 l/m ²
Ambient air temperature	We recommend a minimum temperature of +5 °C during the application.
Substrate temperature	We recommend a minimum temperature of +5 °C during the application.
Substrates	Do not use on damp surfaces.
Drying time	Approx. 1 hour This information applies to temperatures > +20 °C. Depending on the temperature, environmental conditions of the substrate and the amount of primer applied.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

Only suitable for outdoor use.

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

General provisions on substrate quality:

The substrate must be uniform, firm, smooth and free of any sharp protrusion or burrs, clean, dry, free of grease, oil, dust and loosely adhering particles.

Substrate preparation:

Use the appropriate preparation equipment to achieve the required substrate quality.

General provisions for the application:

Strictly follow installation procedures as defined in method statement, application manuals and working instructions which must always be adjusted to the actual site conditions. All corresponding processing standards and regulations must be obeyed.

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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