

PRODUCT DATA SHEET

SikaShield® Titanol VS

Solvent-based, low-viscosity bitumen coating as primer for bridge bitumen membranes

DESCRIPTION

SikaShield® Titanol VS is a solvent-containing, low-viscosity bitumen primer in accordance with RVS 15.03.12.

USES

Bitumen primer for exterior use
Bonding primer for bitumen bridge waterproofing membranes on all mineral, absorbent substrates (e.g. concrete and cement surfaces)

FEATURES

- Good adhesion
- Externally monitored and system tested
- No frost-proof storage
- Paintable and sprayable
- Chemically well tolerated

PRODUCT INFORMATION

| | |
|--|---|
| Composition | Bitumen percentage 30 to 50 mass-% White spirit |
| Packaging | ▪ 25 l metal bucket |
| Colour | black |
| Shelf life | 24 months if stored properly |
| Storage conditions | Store in original sealed container and in dry, temperature protected storage. |
| Density | Approx. 0.9 kg/dm ³ |
| Flash point | +23 to +40 °C (EN 22719) |
| Volatile organic compound (VOC) content | 56 to 66 % |
| Viscosity | Flow time ≤ 10 s (EN 12846) |

TECHNICAL INFORMATION

| | | |
|---------------------------|--|-----------|
| Softening point | of recovered bitumen according to ring and ball test $\geq +80\text{ °C}$ | (EN 1427) |
| Needle penetration | of recovered bitumen ≤ 30 [1/10 mm] | (EN 1426) |

APPLICATION INFORMATION

| | |
|--------------------------------|--|
| Consumption | 0.2 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. 3 hours 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.

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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