

PRODUCT DATA SHEET

SikaRoof® Adhesive 510 Spray

Polyurethane spray applied adhesive for Sikaplan® SGK membrane.

PRODUCT DESCRIPTION

SikaRoof® Adhesive 510 Spray is a 1-part, polyurethane based, moisture-curing, spray applied contact adhesive in a pressurised canister system.

USES

Sprayable adhesive to bond Sikaplan® SGK membrane to suitable substrates:

- PIR/MW insulation boards with lamination (glass or mineral fibre faced)
- Aged slated/mineralized bitumen
- Any other substrates must be tested

CHARACTERISTICS / ADVANTAGES

- Quick application using pressurised canister and spray gun
- Less wastage of adhesive due to pressurised container
- One way stick (one coat)
- Good adhesion

PRODUCT INFORMATION

Packaging	Single pressurised steel canister 22.1kg (Adhesive 16kg) in cardboard box 320 mm × 320 mm × 460 mm.
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25 °C. Always refer to packaging.

APPLICATION INFORMATION

Consumption	One single canister covers approx. 150m ² These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations/influences. Apply product to a test area to calculate the exact consumption for the specific substrate and site conditions.
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Ambient Air Temperature	Ambient Air Temperature At least +5 °C
Substrate Temperature	Substrate Temperature At least +5 °C
Compatibility	Not compatible in direct contact with EPS/XPS insulation boards, copper plate, new bituminous substrates, non-fleece waterproofing membranes (thermoplastics/elastomers).

VALUE BASE

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

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.

Regulation (EC) No 1907/2.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

Regulation (EC) No 1907/2006 (REACH) - Mandatory training

As from 24 August 2023 adequate training is required before industrial or professional use of this product. For more information and a link to the training visit <https://irl.sika.com/en/knowledge-hub-sika-ireland/pu-training.html>.



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APPLICATION INSTRUCTIONS

Installation work must only be carried out by Sika® trained contractors, instructed and competent in this type of application.

NOTES ON INSTALLATION

Please refer to the latest application guide for more details.

SUBSTRATE QUALITY

The substrates must be suitable, solvent resistant, uniform, firm, clean, dry, free of grease, bitumen, oil, dust and loose particles.

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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