

PRODUCT DATA SHEET

Sika® MultiSeal®

BITUMINOUS SEALING TAPE

DESCRIPTION

Sika® MultiSeal® is a self-adhesive, rubber modified bituminous sealing tape laminated with an aluminium foil on the upper side.

USES

Sealing and repairing against water ingress and draughts in :

- Roofs including sheet metal work
- Building cracks
- Bituminous felts and other types of roofing sheet

CHARACTERISTICS / ADVANTAGES

- Very easy to apply
- Good adhesion to many substrates
- Self-adhering
- Compatible with bituminous substrates
- Can be overpainted
- Can be applied at low temperatures

PRODUCT INFORMATION

Chemical Base	Rubber modified, bituminous tape		
Packaging	Length of roll	Tape width	Rolls per box
	3 m	100 mm	12
Appearance / Colour	Tape available in two different colours: <ul style="list-style-type: none"> - Upper side: Painted aluminium foil, mat grey or terracotta brown - Lower side: Self-adhesive black bituminous tape protected with a release film 		
Shelf Life	Sika® MultiSeal® has a shelf life of 72 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.		
Storage Conditions	Sika® MultiSeal® shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.		
Thickness	~1.3 mm (incl. aluminium foil of ~ 0.05 mm)		
Density	1.5 g/cm ³ (+20 °C)		

TECHNICAL INFORMATION

Tensile Strength	Aluminium foil: <u>Longitudinally:</u> <u>65 N/mm²</u> <u>Transversally:</u> <u>77 N/mm²</u>
Elongation at Break	Aluminium foil: 11 % approx.
Reaction to Fire	B2 (DIN 4102)
Service Temperature	-20 °C to +70 °C

APPLICATION INFORMATION

Ambient Air Temperature	+5 °C to +40 °C, min. 3 °C above dew point temperature At temperatures below +10 °C the tape and the substrate must be warmed before and during the application. Use hot air equipment.
Substrate Temperature	+5 °C to +40 °C At temperatures below +10 °C the tape and the substrate must be warmed with a hot air fan before and during the application.
Substrate Humidity	The substrate must be dry

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate should be clean, dry and free from all surface contaminants.

All loose particles, release agents, laitance, paint, rust and other poorly adhering materials must be removed by suitable hand or mechanical preparation techniques.

Metallic substrate, plastics etc. have to be thoroughly cleaned with a solvent (e.g. Sika® Colma-Cleaner).

On porous substrates (concrete, renderings, etc.) the adhesion can be improved with a bituminous primer (e.g. Inertol-1). Let the primer dry for at least 1 hour.

APPLICATION METHOD / TOOLS

Cut the tape to the necessary length, remove the release film and press the tape firmly onto the substrate with a suitable pressure roller.

All joint connections have to be overlapped min. 50 mm.

Note: adhesion to the substrate can be increased by heating up the tape with a hot-air-dryer during the application.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with Sika® Remover-208 and/or Sika® Top-Clean-T. Once cured, residual material can only be removed mechanically.

LIMITATIONS

- Not suitable for sealing against water pressure. For waterproofing applications with water pressure, contact your local Sika Technical Service.
- Due to the bituminous content of the tape, coatings, plastics and natural stones may discolour.
- On porous substrates, water infiltration underneath the Sika® MultiSeal® is possible.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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.

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