

PRODUCT DATA SHEET

Sika® MultiSeal Tape

Self-adhesive bituminous sealing tape

DESCRIPTION

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

USES

Repairing, protecting and sealing applications:

- Roofs including sheet metal work
- Facades
- Broken roof tiles
- Leaking roof gutters
- Chimneys and roof lights
- Caravans and trailers
- Office containers
- Various types of ductwork

CHARACTERISTICS / ADVANTAGES

- Very easy to apply
- Very economical
- Good adhesion to many substrates
- Weather-proof
- Self-adhesive
- UV-resistant
- Bitumen-resistant
- Can be over-painted
- Can be applied at low temperatures

PRODUCT INFORMATION

Chemical Base	Modified bitumen and aluminium film		
Packaging	Length of roll	Width of roll	Rolls per box
	2.5m	50mm	96
	2.5m	75mm	64
	2.5m	100mm	48
	2.5m	150mm	32

Appearance / Colour	Tape available in: <ul style="list-style-type: none"> ▪ Upper side: aluminium ▪ Lower side: Self-adhesive bituminous tape protected with a release film
Shelf Life	24 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +10 °C and +30 °C. Always refer to packaging.
Density	~ 1.5 g/cm ³ (+20°C)
Thickness	~ 0.9 mm (total thickness)

TECHNICAL INFORMATION

Resistance to UV Exposure	The aluminium film provides the UV resistance
Service Temperature	-20 °C to +65 °C

APPLICATION INFORMATION

Ambient Air Temperature	+15°C min. / +45°C max. At temperatures below +15°C the tape and the substrate must be warmed before and during the application. Use hot air equipment.
Substrate Temperature	+15°C min. / +45°C max. At temperatures below +15°C the tape and the substrate must be warmed up before and during the application. Use hot air equipment.
Substrate Moisture Content	The substrate must be dry.

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.

FURTHER DOCUMENTS

- Not suitable for sealing against water pressure. For waterproofing applications with water pressure, contact your local Sika Technical Service.
- Not suitable for overhead application with high temperature (> +25°C).
- Due to the bituminous content of the tape, coatings, plastics and natural stones may discolour.
- On porous substrates, water infiltration underneath the Sika® MultiSeal Tape is possible.

LIMITATIONS

- Adhesion may increase over time. This effect will be more pronounced on porous substrates and in warm climates.
- Do not use on natural stone.
- Due to the bituminous content of the tape, coatings, plastics and natural stones may discolour.
- On porous substrates, water infiltration underneath the tape is possible which may affect adhesion.
- Direct contact with joint sealants and adhesives must be avoided or compatibility must be tested prior to

application.

- Do not use Sika® MultiSeal Tape for joints under water pressure or for permanent water immersion.
- Not suitable for overhead application when service temperatures are > +25 °C.

ECOLOGY HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be stable, clean, dry and free of all contaminants such as dirt, oil, grease, cement laitance, old sealants and poorly bonded paint coatings which could affect adhesion of the adhesive / sealant. The substrate must be of sufficient strength to manage with the stresses induced by the tape during movement. Removal techniques such as wire brushing, grinding, sanding or other suitable mechanical tools can be used. All dust, loose and friable material must be completely removed from all surfaces before application of any activators, primers or tapes.

Sika® MultiSeal Tape generally has good adhesion without primers / activators to most dry, clean and sound substrates.

For optimal results, the following procedure must be carried out:

Non porous substrates

Metals, plastics, coated surfaces, glazed tiles and simil-

ar substrates must be cleaned and pre-treated with Sika®Aktivator-205 by using a clean towel. Before sealing allow a flash-off time > 15 min (max. 6 hours).

Porous substrates

Concrete, aerated concrete and cementitious plasters, mortars, brick, etc. can be pre-heated to increase the adhesion.

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.

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.

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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