

PRODUCT DATA SHEET

Sika® MultiSeal

BITUMINOUS SEALING TAPE

DESCRIPTION

Self-adhesive, rubber modified, bituminous sealing tape, one side laminated with aluminium foil.

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
- 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	Rubber modified bituminous tape			
Packaging	Length per roll	Tape width	Rolls per box	Colour
	3 m	100 mm	12	Mat grey
	3 m	200 mm	6	Mat grey
	3 m	225 mm	6	Terracotta
	10 m	50 mm	6	Mat grey
	10 m	75 mm	4	Mat grey
	10 m	100 mm	3	Mat grey
	10 m	150 mm	2	Mat grey
	10 m	200 mm	3	Mat grey
	10 m	225 mm	2	Terracotta
	10 m	300 mm	1	Mat grey, terracotta
	10 m	450 mm	1	Mat grey
	10 m	600 mm	1	Mat grey

Appearance / Colour

Tape available in two different colours:

- 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 36 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.
Density	1.5 g/cm ³ (+20 °C)
Thickness	~ 1.3 mm (incl. aluminium foil of ~ 0.05 mm)

TECHNICAL INFORMATION

Tensile Strength	Aluminium foil: Longitudinally: 65 N/mm ² Transversally: 77 N/mm ²
Elongation at Break	Aluminium foil: 11%
Reaction to Fire	B2 (DIN 4102)
Service temperature	-20 °C to +70 °C

APPLICATION INFORMATION

Ambient Air Temperature	+5 °C min. / +40 °C max 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 up before and during the application. Use hot air equipment.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be sound, 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 substrates, 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.

IMPORTANT CONSIDERATION

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

Protective measures: To avoid allergic reactions, we recommend the use of protective gloves.

Change soiled work clothes and wash hands before breaks and after finishing work.

Local regulations as well as health and safety advice on packaging labels must be observed.

Ecology: Do not discard the waste into the environment

Transportation class: Non-hazardous.

Important notes: Material must be disposed of in a special waste disposal unit according to local regulations.

Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the material safety data sheet.

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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