

Sika® MultiSeal®

Bituminous sealing tape

Construction

Product 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
- Joints of wall to wall and floor to wall in sunken slab
- Joints of AC cement sheet with wall
- Around pipe penetrations in walls/concrete

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 Data

Form

Appearance / Colours

- Upper side: Painted aluminium foil, in mat grey
- Lower side: Self-adhesive black bituminous tape protected with a release film



Packaging

Length of roll	Width of roll	Rolls per box
10 m	50 mm	6
10 m	100 mm	3

Storage

Storage Conditions / Shelf-Life

72 months from date of production if stored in unopened, undamaged original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.

Technical Data

Chemical Base

Rubber modified bituminous tape

Density

1.2 - 1.5 g/cm³ (+20°C)

Layer Thickness

~ 1.2 mm (incl. aluminium foil of ~ 0.05 mm)

Fire Rating

B2 according to DIN 4102

Service Temperature

-20°C to +70°C

Mechanical / Physical Properties

Tensile Strength

Longitudinally: ~ 3.6 N/mm²
Transversally: ~ 3.5 N/mm²

Elongation at Break

25 - 50%

System Information

Application Details

Substrate Quality

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

Substrate Preparation

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.

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

Application Conditions / Limitations

Substrate Temperature	+5°C min. / +40°C max. At temperatures below +10°C the tape and the substrate must be warmed up before and during the application. Use hot air equipment.
Ambient Temperature	+5°C min. / +45°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 Moisture Content	The substrate must be dry.

Application Instructions

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 by at least 50 mm. Note: Adhesion to the substrate can be increased by heating up the tape with a hot-air-dryer during the application.
Notes on Application / Limitations	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® is possible.

Value Base	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.
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Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
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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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