

Sika® MultiSeal®

Self-adhesive bituminous sealing tape

Positioning Description

Sika MultiSeal is a self-adhesive, rubber modified, bituminous sealing tape for the sealing of cracks and joints in many common domestic and commercial situations. It consists of an aluminium foil reinforced by a polyester film and coated with a cold-adhesive bituminous compound.

Uses

Sika MultiSeal is used to seal cracks and joints on:

- Roofs
 - around chimneys and skylights.
 - over joints/cracks in tiles and roof cladding.
- Exterior walls
 - joints and cracks in asbestos cement sheeting.
 - cracks under masonry ties and anchorages.
 - around wall penetrations (such as water pipes).
 - gutters and downpipes.
- Terraces
 - at joints between terraces and exterior walls.
 - joints in parapets.
 - roof edges, sides, flashings and joints.
- Inside the house
 - leaking pipes, showers, etc.

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:

Tape available in two different colours:

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

Packaging:

Length of roll	Width of roll	Colour
3 m	100 mm	Matt grey

Storage & Shelf Life:

(12) 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: approx. 3.6 N/mm ²
	Transversally: approx. 3.5 N/mm ²

Elongation at Break	25 – 50%
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Application Details

Substrate Quality	The substrate must be sound, clean, dry and free from all surface contaminants.
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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 (e.g. Sika Thinner C). • On porous substrates (concrete, renderings, etc.) the adhesion can be improved with a bituminous primer (e.g. SikaProof Primer). Do not apply Sika MultiSeal until the SikaProof Primer has dried.
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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.
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Ambient 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.
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Substrate Humidity	The substrate must be dry.
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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. Where lengths of MultiSeal must be joined, ensure the joints are overlapped by a minimum of 50mm. Note: Adhesion to the substrate can be increased by heating up the tape with a hot-air-dryer during the application.
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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 when substrate or ambient temperature is greater than 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.
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Notes	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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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 product uses.
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Health and Safety Information

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.
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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 safety data sheet.
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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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