

Product Data Sheet
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Sika® MultiSeal-BT

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High-adhesive Butyl Sealing Tape

Product Description

Self-adhesive sealing tape made of a butyl rubber compound, protected by a reinforced aluminium metal film.

Uses

Sealing and repairing against water penetration on:

- Roofs including sheet metal work
- Facades
- Broken roof tiles
- Leaking roof gutters
- Chimneys and roof lights
- Air conditioning piping
- Caravans and Trailers
- Office Containers
- Duct works

Characteristics / Advantages

- Very easy to apply
- Cold applied
- Self-adhesive
- Good adhesion to plastic, glass, steel, polycarbonate, wood and most other common building materials.
- Excellent adhesion at low temperatures
- Weather-proof
- Excellent heat stability
- No flowing under heat
- No Oil Migration
- Resistant to tear, aging and UV
- Solvent free

Product Data

Form

Appearance / Colours

Tape available in various colours:

- Upper side: Painted aluminium foil, in grey or aluminium
- Lower side: Self-adhesive butyl rubber compound protected with a release film



Packaging

Length of roll	Width of roll	Rolls per box
3 m	100 mm	12
3 m	150 mm	8
10 m	100 mm	3
10 m	150 mm	2

Storage

Storage Conditions / 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 +40°C.

Technical Data

Chemical Base Butyl rubber compound

Density 1.4 g/cm³

Layer Thickness 1.0 mm (incl. aluminium foil)

Fire Rating E (EN 11925-2; EN 13501-1)

Service Temperature -30°C to +90°C

Mechanical / Physical Properties

Tensile Strength Longitudinally: ≥150 N/50 mm (EN 12311-1)
Transversally: ≥150 N/50 mm (EN 12311-1)

Elongation at Break ≥ 20 % (EN 12311-1)

Peel adhesion @ 90 ° ≥ 70 N (ASTM D 1000)

System Information

Application Details

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

Substrate Preparation	<p>All loose particles, release agents, laitance, paint, rust and other poorly adhering materials must be removed by suitable hand or mechanical preparation techniques.</p> <p>Metallic substrates, plastics etc. have to be thoroughly cleaned with a solvent (e.g. Sika® Cleaner-205). Allow the solvent to completely evaporate before the tape is applied.</p> <p>On porous substrates (concrete, renderings, etc.) the adhesion can be improved with a butyl primer (e.g. Primer 130) Let the primer dry for at least 1 hour.</p>
Application Conditions / Limitations	<p>Ambient Temperature +0 °C min. / +40 °C max.</p> <p>At temperatures below +5 °C the tape and the substrate must be warmed before and during the application. Use hot air equipment.</p>
Substrate Moisture Content	<p>The substrate must be dry.</p>
Application Instructions	<p>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.</p> <p>All joint connections have to be overlapped min. 50 mm.</p>
Notes on Application / Limitations	<p>Not suitable for sealing against water pressure. For waterproofing applications with water pressure, contact your local Sika Technical Service.</p> <p>Butyl adhesives are sensitive to solvents. Check chemical compatibility of the butyl adhesive with the substrate.</p> <p>Do not use for permanent fixing or in load bearing applications instead of an adhesive or mechanical fixing.</p> <p>On porous substrates, water infiltration underneath the Sika® MultiSeal-BT is possible.</p>
Value Base	<p>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.</p>
Local Restrictions	<p>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.</p>
Health and Safety Information	<p>The product does not fall within the EC-regulation of hazardous goods.</p> <p>As a result, a material safety data sheet following EC-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it.</p> <p>The product does not damage the environment when used as specified.</p>

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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