

PRODUCT DATA SHEET

Sika® MultiSeal® BT AP

High-Adhesive Butyl Sealing Tape

DESCRIPTION

Sika® MultiSeal BT AP is a self-adhesive sealing tape made of butyl rubber compound, protected by a reinforced aluminium metal film.

USES

Sika® MultiSeal BT AP is designed for 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 INFORMATION

Composition	Butyl rubber compound		
Packaging	Length of roll	Width of roll	Rolls per box
	3 m	100 mm	12
	3 m	250 mm	4
Appearance / Colour	Tape available in various colours: <ul style="list-style-type: none"> ▪ Upper side: Painted aluminium foil, in grey or aluminium ▪ Lower side: Self-adhesive butyl rubber compound protected with a release film 		
Shelf Life	72 months from the date of production If stored properly in undamaged, original, sealed packaging.		
Storage Conditions	Store in dry and cool conditions, protected from direct sunlight at temperature between +5 °C and +40 °C.		
Density	1.5 g/cm ³		
Thickness	1.0 mm (including aluminium foil)		

TECHNICAL INFORMATION

Tensile Strength	~124 (N/25mm)	
Elongation at Break	~100 %	(ASTM D 1000)
Adhesion in Peel	~30 (180° peel N/25mm)	
Service Temperature	-30 °C min. / +90 °C max.	

APPLICATION INFORMATION

Ambient Air Temperature	+0 °C min. / +40 °C max. At temperatures below +5 °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

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® Cleaner-205). Allow the solvent to completely evaporate before the tape is applied.

On porous substrates (concrete, renderings, etc.) the adhesion can be improved with a primer (e.g. Sika® Ig-olflex® R). 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.

IMPORTANT CONSIDERATIONS

- Not suitable for sealing against water pressure. For waterproofing applications with water pressure, contact your local Sika Technical Service.
- Butyl adhesives are sensitive to solvents. Check chemical compatibility of the butyl adhesive with the substrate.
- Do not use for permanent fixing or in load bearing applications instead of an adhesive or mechanical fixing.
- On porous substrates, water infiltration underneath Sika® MultiSeal BT AP is possible.
- Direct contact with joint sealant and adhesive must be avoided or compatibility must be tested prior to application.

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 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.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

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 re-

serves 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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