

Butyband

Product description

Butyband is a full-surface, self-adhesive sealing tape based on high-quality butyl rubber with a protective layer of PET-reinforced aluminum, developed for vapor, air and watertight connections.

Properties

- Tear resistant
- Vaportight
- Airtight
- Watertight
- Self-sealing
- Very good adhesion on many materials
- Very good adhesion at cold temperatures
- Good temperature resistance
- No vertical flow
- Good UV resistance
- Cold applied (no additional adhesive required)
- Easy installation, easy folding in the corners
- No drying time, continue working immediately
- Solvent-free



Applications

- Vapor, air and watertight connections.
- Sealing of (connection) joints around windows and doors.
- Sealing and joining materials such as glass, steel, plexiglas, polycarbonate, wood, aluminium, PVC.
- Sealing of conservatories, porches, gutters, piping, ducting, canopies, roofs, chimneys, skylights, light domes, ...

Technical data

Material	Aluminium - PET	
Adhesive layer	Butyl Rubber	
Release liner	Siliconized foil	
Fire reaction class	EN 13501-1	E (normal flammability)
Tensile strength (longitudinal)	EN 12311-1	185 N/50mm
Tensile strength (transverse)	EN 12311-1	200 N/50mm
Elongation at break (longitudinal)	EN 12311-1	10 %
Elongation at break (transverse)	EN 12311-1	20 %
180° Peel adhesion	ASTM D1000	22 N/cm
Probe Tack	ASTM D2979	7.2 N
Water vapour diffusion resistance factor (μ)	EN 1931	2720000
Application temperature	0°C → +40°C	

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Temperature resistance -30°C → +90°C

Footnote: These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- **Substrate condition**
The surface must be rigid, clean, dry, free of dust and grease. Ensure that frost or condensation are absent on the surface.
- **Substrate preparation**
On very absorbent surfaces the surface should be treated with a primer. A preliminary adhesion test on every substrate is recommended.
- **Substrate types**
Butyband has a good adhesion to following substrates: all usual building substrates.

Application method

- **Application method**
Remove the protective foil evenly and press firmly over the entire length. If possible, use a pressure roller. Avoid folds while doing so (= possible leakage). Avoid entrapment of air bubbles between the tape and the substrate. When connecting two tapes, use an overlap of at least 5 cm.
- **Cleaning method**
Adhesive residues can be removed with Soudal Remover CT or Soudal Surface Cleaner.
- **Repair method**
Repair with the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.

Packaging/Logistics

Colour: Alu, lead

Packaging: Roll

Length (m): 10

Width (mm): 50, 75, 100, 150, 225, 300

Thickness (mm): 0.6

Shelf life: 3 years in unopened packaging in a cool and dry storage place at temperatures between +5 °C and +40 °C., Storage above +50°C may lead to difficulties in removing the release liner., The product is not affected by frost.

Remarks

- Do not use on frozen surfaces or surfaces on which condensation is present.
- The applied pressure and not the duration of the pressure will determine the ultimate strength of the bond.

This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. It is general in nature and does not constitute any liability. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.