

Soudaband Alu

Product description

Soudaband Alu is a full-surface, self-adhesive sealing tape based on bitumen with a protective layer of polyester-reinforced aluminum, developed for water and weather-resistant sealing of connection seams, cracks and leaks.

Properties

- Watertight
- Very good adhesion on many materials
- Good temperature resistance
- Good UV resistance
- Self-sealing
- Cold applied (no additional adhesive required)
- Easy installation, easy folding in the corners
- No drying time, continue working immediately



Applications

- Sealing of conservatories, porches, gutters, piping, ducting, canopies, roofs, chimneys, skylights, light domes, ...
- Sealing of connection joints on corrugated and profile sheets.
- Water and weather resistant sealing of joints, cracks and leaks in gutters and drain pipes.
- Sealing of (connection) joints around windows and doors.

Technical data

Material	Aluminium - PET	
Adhesive layer	Bitumen	
Release liner	Siliconized foil	
Fire reaction class	EN 13501-1	E (normal flammability)
Tensile strength (longitudinal)	EN 12311-1	185 N / 50 mm
Tensile strength (transverse)	EN 12311-1	200 N / 50 mm
Elongation at break (longitudinal)	EN 12311-1	10 %
Elongation at break (transverse)	EN 12311-1	20 %
Water vapour diffusion resistance factor (μ)	EN 1931	ca. 3960000
Application temperature	+5°C → +35°C	
Temperature resistance	-30°C → +80°C	

*Footnote: These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.
This information relates to fully cured product.*

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
A preliminary adhesion test on every substrate is recommended. On very absorbent surfaces the surface should be treated with a primer.

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- Substrate types
Soudaband Alu 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 silver, Terra cotta, Lead

Packaging: Roll

Length (m): 10 m

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

Thickness (mm): 1.5

Shelf life: At least 24 months in original, unopened packaging at a cool and dry storage place, 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.