



Product

Tape composed of a plasto-elastic butyl mass with a high adhesive strength, covered with a tear-resistant aluminium film.

Application examples

- sealing of glass windows and verandas
- Sealing of facades (aluminium or metal)
- protection around pipes
- repair of skylights

Colour

Film: aluminium. Adhesive layer: black

Thickness butyl

0,70 mm and 1,50 mm

Widths

40-45-50-55-60-65-70-75-80-85-90-95-100-105-110-115-120-125-130-135-140-145-150-... 1.000 mm

Length

10 meter

Packaging

On rolls. Packed in boxes, separated by a silicone paper.

Properties

- very good resistance to UV radiation
- very good adhesion on porous substrates if using primer
- compatible with most building materials

Substrate preparation

Substrates on which the butyl tape can be applied:

- the most common substrates in the construction industry
- concrete and coatings based on hydraulic binders, slates, bricks, ...
- aluminium, metals, glass, (treated) wood, pvc, ...

Processing method

The substrates must be clean, dry, healthy and dust-free. In case of insufficient adhesion and with porous substrates, use NovoProof® primer. Remove a small part of the protective film, position the product and then remove the protective film during further application of the tape and press with a steel pressure roller to avoid the generation of air bubbles. Carefully follow the irregularities of the substrate during installation to avoid unnecessary stresses that could affect the adhesive strength and thus the possible detachment of the product. The adhesion pressure provided must be between 5 g/cm² and 15 g/cm². In the case of overlaps between two films, this overlap must be at least 5 cm. The aluminium foil can be painted over after a test previously carried out. We advise the user to check the compatibility of the product and the substrate in terms of adhesion and chemical compatibility, taking into account the processing temperature.

Technical properties

Property	Value + unit
Specific weight	≥ 1,2 g/cm ³
Initial adhesion	immediate
Bonding	± 24 hours, depending on the temperature
Loop tack (ASTM D6195)	≥ 34N
Peel strength 180° (ASTM D3330)	≥ 12 N/10mm
Tensile strength (ASTM D882)	90 N/mm ²
Solids	100 %
Elongation at break (ASTM D882)	20 %
Application temperature	+5°C to +35°C
Temperature resistance	-20°C to +80°C
Storage life	24 months after production date
Storage	in the original, unopened packaging <30°C

Processing method (continued)

When replacing a bitumen strip with a butyl strip, each bitumen trace must be removed and then the support must be degreased with a suitable solvent. For a good waterproofing one must make sure that there is no standing water on the butyl adhesive layer. Butyl sealants are plastic products and have a very low elastic recovery. They should therefore not be used for long-term and permanent bonding and should therefore never replace a mechanical fastening. The mechanical properties of butyl decrease with increasing temperature. Butyl-based products are sensitive to solvents.

For your information

The length tolerances are according to DIN 7715.

Width tolerances: +/- 2.50 mm.

Note

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Technical data of supplier: 10-2014

The producer reserves the right to make changes. 2023 02 10