



Product

Tape composed of a plasto-elastic butyl mass with a strong adhesive strength, coated with aluminum film.

Application examples

- Sealing of window frames and verandas
- Façade sealing (aluminium or metal)
- Protection around pipes
- Repairing of skylights and gutters

Colours

Film: aluminium. Adhesive: black

Thickness butyl

0,70 mm and 1,50 mm

Widths

30-35-40-45-50-55-60-65-70-75-80-85-90-95-100-105-110-115-120-125-130-135-140-145-150-... 1.000 mm

Length

10 meter

Packing

Cutted rolls.

In boxes. Separated by a silicone paper.

Properties

- Very good UV resistance
- Very good adhesion on porous substrates
- Compatible with most building materials

Preparation of the substrate

Butyl tape can be applied on following substrates:

- The most common surfaces in construction
- Concrete and coatings based on hydraulic binders, slates, bricks, ...
- Aluminium, steel, glass, (treated) wood, PVC, ...

Processing method

Remove a small part of the protective film, apply the product and remove the protective film while placing the tape and pressing it with a steel pressure roller to avoid the formation of air bubbles. While installing, carefully follow the irregularities of the substrate to avoid unnecessary stress that could affect the adhesive force and thus the possible release of the product. The adhesive pressure must vary between 5g/cm² and 15g/cm². In case of insufficient adhesion / porous surfaces, use primer P100. In case of overlaps between two foils, overlap must be at least 5 cm. The aluminum foil can be painted over after a preliminary test. We recommend to check the compatibility of the product and the substrate for bonding and chemical compatibility, taking into account the application temperature.

Technical properties

Property	Value + unit
Specific gravity	≥ 1,2 g/cm ³
Initial tack	immediate
Adhesion	± 24u, depending on temperature
Loop tack (ASTM D6195)	≥ 34N
Peel adhesion strength at 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
Shelf life	24 months from production date
Storage	in original packaging, at <30°C

Processing method (continuation)

Surfaces must be clean, dry, healthy and dust-free. Highly porous substrates should be coated with a suitable butyl primer. When replacing a bitumen band with a butyl tape, every trace of bitumen must be removed and the carrier must then be degreased with a suitable solvent. For good waterproofing one must make sure that the water is not stopped. Butyl kits are plastic products and have a very low elastic recovery. They should therefore not be used for long-term and permanent bonding. Butyl kits should never replace mechanical fastening. The mechanical properties of butyl are reduced when the temperature increases. Butyl based products are sensitive to solvents.

Note

The details and information given in this literature are based on best current knowledge. They are intended to serve as general information only and it is advised that the user conducts their own tests for their specific set of conditions to determine the suitability of the product for its proposed use. No warranty or liability is given or implied regarding any part of these instructions or details, or the completeness of the information. We reserve the right to modify, or change, the specifications and information without advance notification. All goods are supplied subject to our standard conditions of sales, copies of which are available upon request.

Technical data of supplier: 10 2014

The producer reserves the right to make changes. 2015 01 01