



Product

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

Application examples

- sealing of glass windows and conservatories
- Sealing for facades (aluminium or metal)
- protection around pipes
- Repair of skylights

Colour

Foil: aluminium. Adhesive: grey

Thickness

Butyl: 1,20 mm

Widths

50 – 75 – 100 – 150 – 200 – 300 mm

Other widths on request

Length : 25 meter

Packaging

On a roll with a projection of the film on both sides

Properties

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

Substrate preparation

Substrates on which the butyl tape can be applied:

- the most common substrates in construction
- 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 the further application of the tape and press with a steel pressure roller to avoid the formation 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 loosening 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 carried out in advance. 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 |
|--|--|
| Deformation | 10 % |
| Peel force 90° (ASTM D1000) | ≥ 90 N/cm |
| Water vapour permeability | water vapour proof |
| Application temperature | 0°C to +40°C |
| Temperature resistance | -30°C to +90°C |
| Tensile strength (DIN EN 12311-1) <ul style="list-style-type: none"> lengthwise crosswise | > 150 N/50mm > 150 N/50mm |
| Elongation at break (DIN EN 12311-1) <ul style="list-style-type: none"> lengthwise crosswise | > 20 % > 20 % |
| solids | 100 % |
| Tack (ASTM D2979) | ≥ 8.0 N |
| Flow (ISO 7390) | 0 mm |
| Storage life | 12 months after production date |
| Storage | in the original, unopened packaging, at 21°C and 50% relative humidity |

When replacing a bitumen strip with a butyl strip, each bitumen strip should be removed and then the carrier should 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

General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 10 2014

The producer reserves the right to make changes. 2020 04 01