



Product

Tape composed of a modified butyl rubber mass with a high adhesive strength, covered with a reinforced, lead-coloured aluminium film. The adhesive strength increases over time.

Application examples

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

Colour

Foil : lead colour. Glue layer : grey

Thickness: 0,7 mm

Widths

30-35-40-45-50-55-60-65-70-75-80-85-90-95-100-105-110-115-120-125-130-135-140-145-150-155- 1.000 mm

Length: 15 meter

Packaging

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

Properties

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

Substrate preparation

The substrates on which the tape can be applied must be clean, dry, sound and dust-free.

These substrates are:

- the most common substrates in construction
- aluminium, metals, glass, (treated) wood, pvc, ...

Processing method

Remove a small part of the protective film, position the product and then remove the protective film as the tape is inserted 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 tension 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 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
Basis	modified butyl rubber mass with reinforced aluminium carrier
Specific weight	≥ 1,3 g/cm ³
Solids	100 %
Elongation at break (ASTM D882)	20 %
Tensile strength (ASTM D882)	90 N/mm ²
Peel at 180° (ASTM D3330)	≥ 11 N/10mm
Fire class (DIN 4102)	B2
Initial tack	Immediately
Full adhesive strength	maximum after 24 hours
Application temperature	+5°C to +35°C
Temperature resistance	-20°C to +80°C
Storage	In original, unopened packaging, dry, below 30°C.

The substrates must be clean, dry, sound and dust-free. In case of insufficient adhesion and with porous substrates, use NovoProof® primer. When replacing a bitumen strip by a butyl strip, each bitumen track must be removed and then the carrier must be degreased with a suitable solvent. For a proper waterproofing one has to 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