



Technical data

		Substance
Backing		elastic PE carrier film
Component		Butyl rubber
Release film		silicone-coated PE film

Property	Regulation	Value
Colour		Butyl rubber: grey, film: white
Surface weight	EN 1849-2	approx. 1.9 kg/m ²
Thickness	EN 1849-2	approx. 1.0 mm
sd value	EN 1931	> 100 m
g value		> 500 MN-s/g
Vapour permeance	ASTM E 96	< 0.03 US perms
Outdoor exposure		3 months
Application temperature		+5 °C to +35 °C ; 41 °F to 95 °F; frost-free nights
Temperature resistance		permanent -20 °C to 80 °C ; -4 °F to 176 °F
Storage		cool and dry

Application

To seal under sills in timber structures, for joining wood-based panels to smooth mineral surfaces, to stick sub-roof panels one below the other (e.g. in grooves and transitions) and to bond these to adjoining structural elements.

Advantages

- ✓ Protects building components against water ingress with its strong sealing effect
- ✓ Secure bonding: butyl rubber penetrates deep into the subsurface
- ✓ Easy to work with: very elastic - can adapt flexibly to subsurfaces and corners
- ✓ Subsequent work can be started quickly: Sticks to stable mineral subsurfaces without primers
- ✓ Construction in adherence with standards: for airtight bonding in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before sticking.

Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on materials to be bonded. Subsurfaces must be sufficiently dry and stable.

Bonding and joints are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood fibre underlay panels) and mineral subsurfaces such as concrete, non-plastered masonry or plaster.

Pretreatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels. Concrete or plaster subsurfaces must not be sandy or crumbling.

Pretreatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.

The best results in terms of structural stability are achieved on high-quality subsurfaces.

It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

General conditions

The bonds should not be subjected to tensile strain.

Press firmly to secure the adhesive tape. Ensure there is sufficient back pressure.

Windproof, airtight or rainproof seals can only be achieved on vapour-checking membranes, roof lining membranes or façade membranes that have been laid without folds or creases.

To work with the tape, temperatures must be >5 °C during the day and night. If the initial bond is not satisfactory, a solvent (e.g. white spirits) may be applied to the grey butyl rubber side of the tape. The solvent increases the adhesiveness of the butyl rubber at low temperatures.

The tape is self-bonding under the effect of heat.

The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

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