



Technical data

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

Attribute	Regulation	Value
Colour		Butyl rubber: grey, film: green
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
Exposure time		3 months
Application temperature		+5 °C to +35 °C ; 41 °F 95 °F; frost-free nights
Temperature resistance		permanent -20 °C to 80 °C ; -4 °F to 176 °F
Storage		cool and dry

Area of 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 structural elements from water ingress: watertight and blocks rising damp
- ✓ Creates a secure bond: butyl rubber penetrates deep into the substrate
- ✓ Very elastic carrier foil with particularly low restoring forces: it can be flexibly adapted to surfaces and corners
- ✓ Bonds to mineral substrates
- ✓ Airtight bonds according to DIN 4108-7, SIA 180 and RT 2012
- ✓ Excellent values in the hazardous substance test, has been tested according to the ISO 16000 evaluation scheme

Substrates

Before adhesion is carried out, subsurfaces should be brushed off, wiped clean with a cloth or cleaned using compressed air.

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.

Permanent adhesion is achieved on woodbased panels (chipboard, OSB and veneer plywood, MDF board and wood fibre sub-roof panels). Pretreatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels and smooth mineral subsurfaces. Concrete or plaster subsurfaces must not be sandy or crumbling.

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.

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

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 retarding 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.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
D-68723 Schwetzingen
Fon: +49 (0) 62 02 - 27 82.0
eMail: info@proclima.de





*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)

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