EXTOSEAL® FINOC

Moisture-sealing adhesive tape, for interior and exterior use



Technical data

	Material
Backing	Elastic PE carrier film
Adhesive layer	Butyl rubber
Release film	Silicone-coated PE film

Property	Regulation	Value
Colour		Butyl rubber: grey, film: white
Surface weight	EN 1849-2	1.35 kg/m² ; 4.42 oz/ft²
Thickness	EN 1849-2	1.05 mm ; 41 mils
sd value	EN 1931	> 200 m
g value	EN 1931	> 1 000 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

Areas of application

For creating seals underneath sills/sole plates/thresholds in timber structures, for sealing wood-based panels to smooth mineral surfaces, for taping sub-roof panels to one another (e.g. in roof valleys and transitions), and for sealing these to adjoining structural elements.

Splits on release film

Tape width	Split (approx.)
100 mm (4″)	50 | 50 mm (2″ | 2″)
150 mm (6″)	75 | 75 mm (3″ | 3″)
200 mm (8″)	100 | 100 mm (4″ | 4″)
300 mm (12″)	150 | 150 mm (6″ | 6″)

Supply forms

Art. no.	Length	Width	Release film splits	Weight	Sales unit	Container	GTIN
15363	20 m	100 mm	50 | 50 mm	3.6 kg	3	180	4026639153630
14136	20 m	150 mm	75 | 75 mm	5.4 kg	2	120	4026639141361
14137	20 m	200 mm	100 | 100 mm	6 kg	2	84	4026639141378
14698	20 m	300 mm	150 | 150 mm	10.4 kg	1	60	4026639146984

Advantages

- ✔ Protects building structures against water ingress with its strong sealing effect
- ✔ Secure sealing: 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: adheres to stable mineral subsurfaces without primers
- ✔ Standards-compliant construction: for airtight sealing 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 applying. Fine dust and any loose fibres must be thoroughly removed by vacuuming. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. Subsurfaces must be sufficiently dry and stable; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima internal and external membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather (WRB) membranes (e.g. those made of PP and PET). Adhesive bonds are possible with planed and painted wood, gypsum fibreboards, 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, unplastered masonry or plaster.

Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. No pre-treatment with primer is required on gypsum fibreboards if their surfaces have been cleaned and are dust-free. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment of the subsurface with TESCON PRIMER will improve the adhesive bond.

General conditions

The adhesive bonds should not be subjected to tensile strain. Rub the tape firmly to secure the adhesive bond. Ensure there is sufficient back pressure. Windproof, airtight or rainproof seals can only be achieved on vapour control membranes, roofing underlay membranes or facade membranes that have been installed without folds or creases. This product can only be worked with if daytime and nighttime temperatures are > 5 °C (41 °F).

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-sealing under the effect of heat.

NSAI Agrément
pro clima Intelligent Airtight System
CERT No. 07/0297

Tested for hazardous substances according to ISO 16000

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

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