EXTOSEAL® ENCORS

Waterproof sealing tape, for interior and exterior use



Technical data

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

Property	Regulation	Value
Colour		Butyl rubber: grey; film: black
Surface weight	EN 1849-2	1.65 kg/m² ; 5.41 oz/ft²
Thickness	EN 1849-2	1.2 mm ; 47 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		6 months
Resistance to driving rain	EN 1027	Up to 2400 Pa, around windows
Resistance to driving rain	ift, MO-01/1:2007-01, Abs. 5	Up to 600 Pa, sub-sill flashing
Application temperature		-10 °C to 35 °C ; 14 °F to 95 °F
Temperature resistance, permanent		-40 °C to 80 °C ; -40 °F to 176 °F
Storage		Cool and dry

Areas of application

For creating a sub-sill, for sealing window joints with masonry or concrete structures, for sealing wood-based panels to smooth mineral surfaces, for taping underlay panels made of wood fibre to one another (e.g. in roof valleys and transitions), and for sealing these to adjoining structural elements.

Splits on release film
(Note: inch conversions are approximate)

Tape width	Split (approx.)
100 mm (4″)	25 | 75 mm (1″ | 3″)
150 mm (5⅞″)	25 | 65 | 60 mm (1″ | 2 9/16″ | 2⅜″)
200 mm (7⅞″)	25 | 115 | 60 mm (1″ | 4½″ | 2⅜″)
300 mm (11¾″)	25 | 155 | 120 mm (1″ | 6⅛″ | 4¾″)

Supply forms

Art. no.	Length	Width	Release film splits	Weight	Sales unit	Container	GTIN
15361	20 m	100 mm	25 | 75 mm	3.5 kg	3	180	4026639153616
14134	20 m	150 mm	25 | 65 | 60 mm	5.3 kg	2	120	4026639141347
14135	20 m	200 mm	25 | 115 | 60 mm	6.9 kg	2	84	4026639141354
14732	20 m	300 mm	25 | 155 | 120 mm	10.5 kg	1	60	4026639147325

Advantages

- ✔ Excellent protection for building structures thanks to strong sealing effect
- ✔ Reliable application: extremely high adhesive strength even to slightly damp and cold subsurfaces
- ✔ Easy to work with: very elastic - can adapt flexibly to subsurfaces and corners
- ✔ Proven resistance to driving rain up to 2400 Pa
- ✔ Independently confirmed suitability: tests in accordance with MO-01/1 passed at IFT in Rosenheim, Germany
- ✔ Subsequent work can be started quickly: adheres to stable mineral subsurfaces without primers
- ✔ 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 is not possible on frozen surfaces. There must be no water-surfaces 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

Adhesive bonds must not be subjected to tensile forces. Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure. Windproof, airtight or rainproof sealing can only be achieved on vapour control or underlay/facade membranes that have been installed without folds or creases. The tape is self-sealing under the effect of heat.

EPD verified

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Prüfbericht Nr. 16-000527-PR02
(PB 2-E03-020310-de-01)
Unterfensterbank EXTOSEAL ENCORS
mit CONTEGA SOLIDO EXO
nach MO-01/1:2007-01, Abs. 5
24.06.2016

Tested for hazardous substances according to ISO 16000

BRANZ Appraised

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

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.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
Phone: +49 6202 2782 0
eMail: info@proclima.com