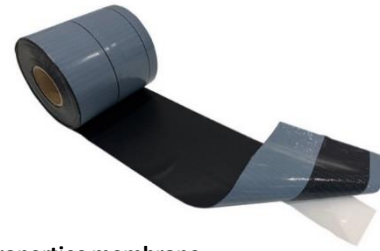


# EASY FOIL STRUCTURE EPDM



## Product

Elastomeric membrane obtained by combining EPDM (Ethylene Propylene Diene Monomer) with oils and fillers followed by calendaring and vulcanization.

Provided on 1 side and thus on the entire surface with a high-quality, strongly adhesive High tack acrylic adhesive as temporary mounting support. The EPDM must be clamped in afterwards. This adhesive layer is provided with a two- or three-part protective paper to simplify application of the EPDM.

## Applications

- around curtain walls
- in steel facades
- for renovation of gutters
- for external wall insulation

## Colour

- black

## Thicknesses

- 0.5/0.75/1/1.3 mm (+ adhesive layer)

## Widths, length and packaging

- 100 mm x 25 m (6 rolls per box)
- 150 mm x 25 m (4 rolls per box)
- 200 mm x 25 m (4 rolls per box)
- 250 mm x 25 m (2 rolls per box)
- 300 mm x 25 m (2 rolls per box)
- 350 mm x 25 m (2 rolls per box)
- 400 mm x 25 m (2 rolls per box)
- Other widths on demand

## Length

25 meter

## Version

rolls

## Properties

- ✓ very good resistance to weather conditions, UV radiation and ageing
- ✓ very good long-term waterproofing
- ✓ elastic and rot-resistant
- ✓ recyclable

## Application

**Press very well with a pressure roller**



**Maintain the roof tile principle**

## Technical properties membrane

Property	Value + unit
Density (-10% / + 10%) (EN 1849-2)	
○ 0,50 mm	0,443 kg/m <sup>2</sup>
○ 0,75 mm	0,713 kg/m <sup>2</sup>
○ 1,00 mm	1,000 kg/m <sup>2</sup>
○ 1,30 mm	1,348 kg/m <sup>2</sup>
Shore hardness A	50-70
Temperature resistance	-40°C to +120°C
Structure	single-layer solid rubber
Elongation at break (EN12311-2)	≥ 300%
Tensile strength (EN 12311-2)	
○ 0,50 mm	6 N/mm <sup>2</sup>
○ 0,75 mm	7 N/mm <sup>2</sup>
○ 1,00 mm	8 N/mm <sup>2</sup>
○ 1,30 mm	8 N/mm <sup>2</sup>
Nail tear resistance (EN 12310-2)	
○ 0,50 mm	≥ 10 N
○ 0,75 mm	≥ 10 N
○ 1,00 mm	≥ 20 N
○ 1,30 mm	≥ 20 N
Fire class (EN 13501-1)	klasse E
Water vapour diffusion resistance factor (μ) (EN 1931)	50.000
Certificates	ATG in demand

## Technical properties adhesive

Property	Value + unit
Adhesive	Solvent-free acrylic dispersion
Adhesive carrier	Polyester tissue
Weight	230 g/m <sup>2</sup>
Protective layer	PP-silicone foil 80 μm
Thickness (without adhesive)	±0,23 mm
Adhesive strength [DIN EN 1939 (2003)]	≥ 28N/25mm
Dynamic shear resistance (internal test)	≥ 12N/cm <sup>2</sup>
Temperature resistance	-40°C to +100°C
Aging resistance	Very good

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## Remarks

The materials and substrate must be solid, grease-, oil- and dust-free.

Irregular substrates and thickenings due to corner overlaps should be sealed with CS-EPDM Foil Bond.



When applying the adhesive layer on e.g. joinery or non-porous surfaces, degrease these substrates well using Dowsil™ R-40 cleaner and a soft, lint-free cloth.

Before applying the EPDM, consult the processing instructions.

The product is only suitable for applications above ground level.

On porous substrates (concrete, Ytong, etc.) an adhesive side of 100mm is recommended. The adhesive strength strongly depends on the substrate and must be tested beforehand, site by site. If the adhesion is insufficient, the test must be repeated with Novoproof® Primer.

## Widths of the adhesive protection paper :

- 100 mm : 30 mm + 70 mm
- 150 mm : 30 mm + 60 mm + 60 mm
- 200 mm : 30 mm + 85 mm + 85 mm
- 250 mm : 30 mm + 110 mm + 110 mm
- 300 mm : 30 mm + 135 mm + 135 mm
- 350 mm : 30 mm + 160 mm + 160 mm
- 400 mm : 30 mm + 185 mm + 185 mm

## Note

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: 05-2018

The producer reserves the right to make changes. 2023 12 19