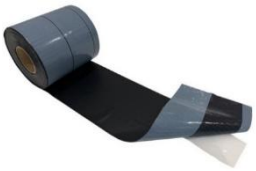
CS-EASY FOIL STRUCTURE EPDM



Membrane n°23003
Classe: A-B-C

3329

Product
Elastomeric membrane obtained by combining EPDM (Ethylene Propylene Diene Monomer) with oils and fillers followed by calendering and vulcanization.
Provided on 1 side and thus on the entire surface with a high-quality, strongly adhesive High tack acrylic adhesive. 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
- 0.73* / 0.98 / 1.23 mm

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
Apply CS-EPDM Foil Primer on porous substrates

Technical properties membrane

Property	Value + unit
Density (-10% / + 10%)(EN 1849-2) ○ 0,73* mm ○ 0,98 mm ○ 1,23 mm	 0,673 kg/m² 0,990 kg/m² 1,240 kg/m²
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) ○ 0,73* mm ○ 0,98 mm ○ 1,23 mm	 6 N/mm² 7 N/mm² 8 N/mm²
Tear resistance (EN 12310-2) ○ 0,73* mm ○ 0,98 mm ○ 1,23 mm	 ≥ 10 N ≥ 10 N ≥ 20 N
Fire class (EN 13501-1)	klasse E
Water vapour diffusion resistance factor (μ) (EN 1931)	50.000
Certificates	SNJF 23003 / ATG 3329
Shelf life	12 months in unopened packaging, at 21°C and 50% relative humidity

Technical properties adhesive

Property	Value + unit
Adhesive	Solvent-free acrylic dispersion
Adhesive carrier	Polyester tissue
Weight	230 g/m²
Protective layer	PP-silicone foil 80 µm
Thickness	±0,23 mm
Adhesive strength [DIN EN 1939 (2003)]	≥ 28N/25mm
Dynamic shear resistance (internal test)	≥ 12N/cm²
Temperature resistance	-40°C to +100°C
Aging resistance	Very good

*This thickness is part of the system but is not included in the SNJF/ATG certification.

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Remarks
The materials and substrate must be solid, grease-, oil- and dust-free. When applying the adhesive layer on joinery or non-porous surfaces, degrease these substrates well using Dowsil™ R-40 cleaner and a soft, lint-free cloth.

Irregular substrates and thickening due to corner overlaps should be sealed with CS-EPDM Foil Bond 00.

The membrane may not be subjected to permanent loads, e.g. tensile or compressive forces. Before applying Easy Foil Structure EPDM, consult the installation instructions.

Do not use for joints under joinery where there is a risk of standing water at the joint bond (e.g. balcony/terrace/skylight).

The product is not suitable for underground applications.

On porous substrates (concrete, Ytong, etc.), an 80 mm adhesive edge is recommended and the CS-EPDM Foil primer must be used. On external joinery, a full-surface bond of at least 20 mm must be provided. The adhesive strength depends heavily on the substrate and must be tested in advance on a site-by-site basis.

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. 2026 05 11