

Product

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

Application examples

- flood barrier under thresholds
- around curtain walls
- in steel and aluminium facades
- external facade insulation
- around frames/around windows

Colour: black

Thickness membrane: 0,75mm / 1,00mm / 1,30mm / 1,50mm

Types of extruded profiles: see overview below

Widths membrane

100-110-120-130-140-150-160-170-180-190-200-210-220-230-240-250-260-270-280-290-300-... - 500 mm
Other widths on request.

Length: 20 meter

The length might fluctuate $\pm 5\%$ due to the elasticity of the material.

Available versions : strips with profile

Properties

- ✓ very good resistance to weather conditions, UV and aging
- ✓ very good long-term watertightness
- ✓ ready to install on window profile
- ✓ highly elastic and putrefaction resistant

Adhesives

CS-EPDM Mastic Bond FA

A 1-component synthetic rubber-based adhesive that cures to a durable elastic rubber. Colour: black.

CS-EPDM Foil Bond 00

A 1-component adhesive and sealant based on MS Hybrid technology that cures to a durable elastic rubber. Colour: black.

Both sealants are specially designed for bonding and sealing the CS-EPDM Foil to the most common building materials such as aluminium (untreated, anodized, powder-coated), mineral substrates (concrete, stone, clinker, plaster), PVC windows, steel (galvanized, powder-coated), wood (test beforehand), overlaps between EPDM foils. Aluminium sausages of 600ml.

Technical properties membrane

Property	Value + unit
Density (-5% / + 10 %) (EN 1849-2)	
○ 0,75 mm	0,875 kg/m ²
○ 1,00 mm	1,180 kg/m ²
○ 1,30 mm	1,575 kg/m ²
○ 1,50 mm	1,815 kg/m ²
Shore A hardness	65° +/- 5
Temperature resistance	-40°C to +120°C
Structure	Single-layer solid rubber
Elongation at break (EN 12311-1 A)	≥ 350 %
Tensile strength (EN 12311-1 A)	
○ 0,75 mm	≥ 260 N/50 mm
○ 1,00 mm	≥ 350 N/50 mm
○ 1,30 mm	≥ 450 N/50 mm
○ 1,50 mm	≥ 460 N/50 mm
Tear resistance (EN 12310-1)	
○ 0,75 mm	≥ 80 N
○ 1,00 mm	≥ 90 N
○ 1,30 mm	≥ 110 N
○ 1,50 mm	≥ 120 N
Fire class (EN ISO 11925-2/EN 13501-1)	E
Airtightness (EN 12114)	≤ 0,1 m ³ /(m ² h) (50 Pa)
Water vapour diffusion resistance factor (μ) (EN 1931)	60.000 +/- 18.000
Certificates	ATG 3288

Remark

Always use a hard pressure roller for optimal adhesion. Two types are available: hard silicone rubber or steel.



CS-EPDM FOIL GASKET

Accessories

CS-EPDM Foil Primer

Adhesion improver for the use of contact adhesive CS-EPDM Contact Bond TA or bonding sealant CS-EPDM Mastic Bond FA on porous, damp substrates or in the case of use at temperatures between +5°C and -10°C.

CS-EPDM Contact Bond TA

Contact adhesive based on synthetic rubber used for bonding the membrane to all kinds of substrates (wood, aluminum and stone).

CS-EPDM Cleaner

To clean the CS-EPDM Foil (if not clean enough) before bonding with the CS-EPDM Mastic Bond FA or the contact adhesive CS-EPDM Contact Bond TA.

















Properties: see technical data sheets of the products.

Note

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Technical data of supplier: 02-2022

The producer reserves the right to make changes. 2024 04 23

Most common snap-in profiles	
2739	
2851	
2852	
2893	
3062	
3347	
3395	
4129	
4368	
4401	
4511	
4526	
4596	
4714	
4779	
4661	

*Other profiles on request

Images not to true scale