

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 12311-2B)	≥ 350 %
Tensile strength (EN 12311-2B)	≥ 8,5 N/mm ²
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.

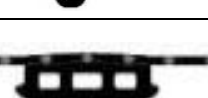
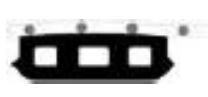
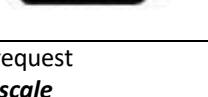
Note

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.

Information about the SNJF Label and the Guidelines can be found at www.oc-sjff.fr.

Technical data of supplier: 07/2024

The producer reserves the right to make changes. 2026 08 03

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