

Product

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

Application examples

- Against ascending damp
- as a water barrier at the base of the cavity wall
- flood barrier under thresholds
- around curtain walls
- in steel facades
- renovation of gutters
- external facade insulation
- around frames/around windows

Colour

black

Thicknesses

0,60 / 0,75 / 1,00 / 1,30 / 1,50 mm (-5%/+10%)

Widths

Thickness 0,60 mm: 100-110-120-130-140-150-160-170-180- 190-200-210-220-230-240-250-260-270-280-290-300-... - 1.320 mm

Other thicknesses: 100-110-120-130-140-150-160-170-180-190-200-210-220-230-240-250-260-270-280-290-300-... - 1.420 mm

Lengths

Thickness 0,60 mm : 25 meter

Other thicknesses: 20 meter

The length might fluctuate ± 5% due to the elasticity of the material.

Available versions

rolls

Properties

- ✓ very good resistance to weather conditions, UV and aging
- ✓ very good long-term watertightness
- ✓ highly elastic and putrefaction resistant
- ✓ recyclable
- ✓ solvent-free

Adhesives

CS-EPDM Mastic Bond FA

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

CS-EPDM Foil Bond 00

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



Membrane n° 22003
Classe : A-B-C



Technical properties membrane

Property	Value + unit
Density (-5% / + 10%) (EN 1849-2)	
○ 0,60 mm	0,700 kg/m 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 (EN12311-1 A)	≥ 350%
Tensile strength (EN 12311-1 A)	
○ 0,60 mm	≥ 210 N/50 mm
○ 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)	
○ 0,60 mm	≥ 70 N
○ 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)	≤ 0,1m ³ /(m ² h) (50 Pa)
Water vapour diffusion resistance factor (μ) (EN 1931)	60.000 +/- 18.000
Certificates	ATG 3288

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

CS-EPDM FOIL

Remark

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



Alternative versions



Note

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Technical data of supplier 02-2022

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

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 sheet of the products.