CS-EPDM STRUCTURE FOIL WITH 1 OR 2 ADHESIVES HIGH TACK ACRYL

Product
Elastomeric membrane obtained by combining EPDM (Ethylene Propylene Diene Monomer) with oils and fillers followed by calendering and vulcanization.
The membrane is either provided with 1 (left) or 2 (left + right) acrylic adhesive layers or provided with an acrylic adhesive layer over the entire surface as a temporary mounting support.

Application examples
- flood barrier under tresholds
- around curtain walls
- in steel facades
- external facade insulation
- around frames/around windows

Colour
EPDM Structure Foil : black
Adhesives : transparent

Thicknesses
0,50* – 0,75 – 1,00 – 1,30 – 1,50 mm

Widths (with adhesive)
300-350-400-450-500-… - 750 mm

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

Available versions
- strips (standard length)

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

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

Please be sure to clip the EPDM in afterwards. The adhesive layer only serves as an assembly aid.

Membrane n°23003
Classe: A-B-C

3329

Technical properties membrane

Property	Value + unit
Density (-10% / + 10%) (EN 1849-2) ○ 0,50* mm ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm ○ 1,50 mm	 0,443 kg/m² 0,713 kg/m² 1,000 kg/m² 1,348 kg/m² 1,580 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) ○ 0,50* mm ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm ○ 1,50 mm	 6 N/mm² 7 N/mm² 8 N/mm² 8 N/mm² 8 N/mm²
Nail tear resistance (EN 12310-2) ○ 0,50* mm ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm ○ 1,50 mm	 ≥ 10 N ≥ 10 N ≥ 20 N ≥ 20 N ≥ 20 N
Fire class (EN 13501-1)	class E
Water vapour diffusion resistance factor (μ) (EN 1931)	50.000

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

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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.

Both sealants are specially designed for bonding and sealing the CS-EPDM Structure 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.

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.

Remarks:
The full width of the adhesive tape must be used for adhesion to the substrate and the materials should not be subject to a constant tensile load.

For your information:
The adhesive layer is always applied between 1 and 6 mm from the edge of the foil.

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.
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