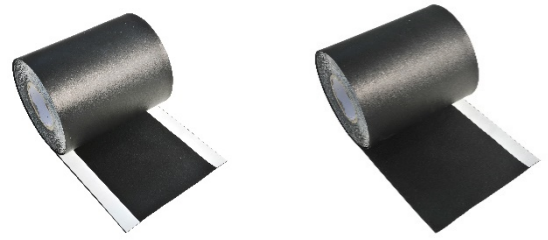


NOVOPROOF® EPDM FA WITH 1 OR 2 BUTYL ADHESIVES



CE

Product

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

On request, the foil can be provided with 1 (left) or 2 (left+right) adhesive layers based on butyl of 1.50 mm x 20 mm as an assembly aid.

Application examples

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



Colour

EPDM : black

Butyl adhesives : black

Thickness

EPDM : 0,60 – 0,75 – 1,00 – 1,30 – 1,50 mm

Widths (with adhesive)

100-110-120-130-140-150-160-170-180-190-200-210-220-230-240-250-260-270-280-290-300-... - 750 mm

Lengths

0,60 mm : 25 meter

0,75 – 1,00 – 1,30 – 1,50 mm : 20 meter

The length might fluctuate $\pm 5\%$ 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

Adhesive sealant NOVOPROOF® FA

A one component adhesive sealant made of synthetic rubber, which cures to a durable elastic rubber. Colour: black

Especially developed for bonding and sealing NOVOPROOF® FA EPDM to most common building materials such as aluminium (untreated, anodised, powder coated), mineral substrates (concrete, stone, clinker, plaster), PVC windows, steel (galvanised, powder coated), wood (pre-testing), overlaps between EPDM films. Aluminium sausages of 600 ml.

Technical properties membrane

Property	Value + unit
Density	
○ 0,60 mm	0,75 kg/m ² (0,60 mm)
○ 0,75 mm	0,94 kg/m ² (0,75 mm)
○ 1,00 mm	1,25 kg/m ² (1,00 mm)
○ 1,30 mm	1,625 kg/m ² (1,30 mm)
○ 1,50 mm	1,875 kg/m ² (1,50 mm)
Shore A hardness	65° +/- 5
Temperature resistance	-30°C to +80°C
Application temperature	+5°C to +35°C
Elongation at break	≥ 400%
Structure	Single-layer solid rubber
Tensile strength (EN 12311-1)	
○ 0,60 mm	≥ 210 N/50 mm
○ 0,75 mm	≥ 250 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	≥ 80 N
○ 0,75 mm	≥ 80 N
○ 1,00 mm	≥ 90 N
○ 1,30 mm	≥ 90 N
○ 1,50 mm	≥ 130 N
Fire class (EN ISO 11925-2/EN 13501-1)	E
Resistance to water vapour permeability	≤ 0,1 m ³ /(m ² /h/50 Pa)
Water vapour diffusion resistance factor (μ)	60.000 +/- 18.000
Certificates	ATG 2891
Storage	+5°C- to +35°C

Note

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



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Accessories

NOVOPROOF® Primer

Adhesion promoter for using the Kleber TA contact adhesive or the Kleber FA adhesive sealant on a porous, damp substrate or when applied at temperatures between +3°C and -10°C.

NOVOPROOF® Kleber TA

Contact adhesive based on synthetic rubber used for adhesion of the foil on all types of surfaces (wood, aluminium and stone).

NOVOPROOF® Cleaner

To clean the EPDM FA (if not clean enough) before bonding with the adhesive sealant FA or the contact adhesive Kleber TA.

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: 09-2009

The producer reserves the right to make changes. 2020 04 01

Property	Kleber TA	Kit FA	Primer
Colour	black	black	black
Density	0,85 Kg/l	1,15 Kg/l	0,835 Kg/l
Solids	43,30 %	79 %	36,30 %
Flashpoint	-15°C	-8°C	-18°C
Viscosity	400 mPa.s +/- 100	4500 mPa.s +/- 1000	900 mPa.s
Packaging	4,7 Kg	600 ml 12 per box	4,50 Kg
Storage	12 months	12 months	12 months

Remarks

Properly degrease the joinery with a universal cleaner type Dowsil™ R-40 and a soft, lint-free cloth.

The full width of the adhesive tape (20 mm) must be used for adhesion on the substrate.

Due to the variety of substrates (product, structure, porosity, composition), the adhesive butyl strip present on the EPDM may react differently.

The application of a suitable primer can sometimes help but is not a guarantee.

Before the product is finally applied on site, a test is recommended.

For your information:

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