

NOVOPROOF® FA EPDM WITH EXTRUDED PROFILE 14 MM – TYPE 4511



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 type 4511 for European grooves of 14 mm.

Application examples

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

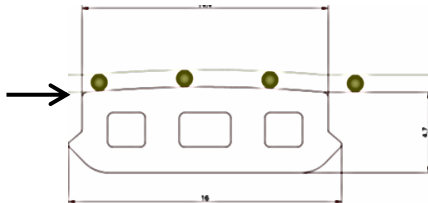


Colour: black

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

Dimensions profile

see sectional view



Widths membrane

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

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

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 membrane	Value + unit
Density <ul style="list-style-type: none"> ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm 	0,94 kg/m ² 1,25 kg/m ² 1,625 kg/m ²
Shore A hardness	65° +/- 5
Temperature resistance	-30°C to +116°C
Structure	single-layer solid rubber
Elongation at break (EN 12311-1) <ul style="list-style-type: none"> ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm 	≥ 400 % ≥ 450 % ≥ 450 %
Tensile strength (EN 12311-1) <ul style="list-style-type: none"> ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm 	≥ 250 N/50 mm ≥ 350 N/50 mm ≥ 450 N/50 mm
Tear resistance (EN 12310-1) <ul style="list-style-type: none"> ○ 0,75 mm ○ 1,00 mm ○ 1,30 mm 	≥ 80 N ≥ 90 N ≥ 90 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

Note

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



NOVOPROOF® FA EPDM

WITH EXTRUDED PROFILE 4511

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.

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

Note

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Technical data of supplier: 05-2014

The producer reserves the right to make changes. 2022 02 03