

## Product

Butyl rubber elastomer foil (IIR) according to DIN 7864 (\*).

IIR = Isobutylene-isoprene rubber. This rubber allows less gas molecules to pass through.

(\* ) DIN 7864 : standard for elastomeric films intended for roof waterproofing and for seals in the construction industry : description of the inspection regulations, indication of certain quality requirements.

The EPDM FOIL FAI strips meet these requirements or are even better as can be read in the neutral test reports.

## Application examples

For vapour-tight sealing on the inside (warm side) of buildings around windows, curtain walls, ...

## Colour

Black

## Thickness

1,00 mm (-5%/+10%)

Thicknesses 0.75 mm - 1.3 mm - 1.5 mm can be produced on request.

## Widths

100 – 150 – 200 – 250 – 300 – 400 mm

Other widths on request.

## Length

20 meter

## Available versions

- strips
- with 1, 2 or no adhesive strips

## Properties

- ✓ highly elastic
- ✓ putrefaction resistant
- ✓ recyclable
- ✓ very good long-term watertightness
- ✓ high water vapour diffusion resistance factor
- ✓ solvent-free

## Note

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



## Technical properties membrane

Property	Value + unit
Density	1,25 kg/m <sup>2</sup>
Shore A hardness (DIN 53505)	63°
Temperature resistance	-40°C to +100°C
Structure	single-layer solid rubber
Elongation at break (DIN 53504)	450 % +/-20% (400% +/- 15% after accelerated aging)
Tensile strength (DIN 53504)	+/- 6,50 N/mm <sup>2</sup>
Tear resistance (EN 12310-2)	≥ 120N
Fire class	E
Resistance to water vapour permeability	≤0,1 m <sup>3</sup> /(m <sup>2</sup> /24h/50 Pa)
Water vapour diffusion resistance factor (μ)	156.000 +/- 20.000
Storage	in a room with a constant temperature of 21°C and 50% relative humidity

## Adhesive sealant CS-EPDM Mastic Bond FA

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

Especially developed for bonding and sealing CS-EPDM FOIL 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.

## Information

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

# CS-EPDM FOIL FAI 1,00 MM

## 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.

### Note

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Technical data of supplier: 09-2009

The producer reserves the right to make changes. 2023 12 01