

# ISOFLOC AIR TIGHTNESS

Only one contact for the entire isofloc insulation system: insulating materials, air sealing products, blow-in technology and consultation are matched to one another for optimal results



DIRECT CONTACT

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**isofloc**<sup>®</sup>



### ISOFLOC ACTIVE:

Application area	Use as vapour barrier and air sealing membrane in roofs, walls, ceilings and floors for all fibrous insulating materials. For indoor use only. Suitable for blow-in insulation materials. The moisture-variable diffusion resistance of the foil offers particularly effective protection in all constructions with outer diffusion-permeable claddings, but also with breathable roof membranes. Fulfils the requirements of DIN 68800-2.
Benefits	Ideal for almost all breathable insulation constructions thanks to moisture variability · Optimum drying-out of insulation layer in the summer · Maximum protection against structural damage and mildew · Strong and tear-resistant thanks to roving layer · Flakes and hose clearly visible through transparent foil · 6 year warranty
Standards	High-performance system for the production of safe vapour barrier and air-sealing layers according to DIN 4108, SIA 180 and ÖNorm B8110-2
Membrane	Polyethylene copolymer
Roving layer	Polypropylene roving
Fleece	Polypropylene
Surface weight	110 ± 15 g/m <sup>2</sup> acc. to DIN EN 1849-2
Temperature resistance	-40°C to +80°C
Vapour diffusion resistance μ	18750 acc. to DIN EN 1931
Thickness	0.40 ± 0.1 mm acc. to DIN EN 1849-2
S <sub>d</sub> value mean / humidity adaptive	7.5 ± 0.25 m/0.25 - > 25 m acc. to DIN EN 1932/DIN EN ISO 12572
Fire class	E acc. to EN 13501-1
Fire index	5.3 / RF2 acc. to VKF (CH) (Swiss Association of Cantonal Fire Insurance Companies)
Maximum tensile strength longitudinal / transverse	350 N/5 cm / 290 N/5 cm acc. to DIN EN 13859-1
Extension longitudinal/transverse	15 %/15 % acc. to DIN EN 13859-1
Tear propagation resistance longitudinal / transverse	200 N/200 N acc. to DIN EN 13859-1
Ageing resistance	passed acc. to DIN EN 1296/DIN EN 1931
Colour/imprint	white-transparent/red
Roll length	50 + 0.50 m
Roll width	1.50 + 0.005 m / 3 + 0.01 m
Surface	approx. 75 m <sup>2</sup> / approx. 150 m <sup>2</sup>
Roll weight	approx. 9 kg / approx. 18 kg

Please observe the separate instructions for the use of isofloc active sd depending on altitude, please visit our homepage.

### ISOFLOC STATIC SD 2:

Application area	Use as vapour barrier and air sealing membrane in roofs, walls, ceilings and floors for all fibrous insulating materials. For indoor use only. For structures with outwardly breathable claddings. Suitable for blow-in insulation materials.
Benefits	Strong and tear-resistant thanks to roving layer · Flakes and hose clearly visible through transparent foil · Minimal elongation in combination with injected insulation materials · 6 year warranty
Membrane	Polyethylene
Roving layer/Fleece	Polypropylene
Surface weight	90 ± 5 g/m <sup>2</sup> acc. to DIN EN 1849-2
Temperature resistance	-40°C to +80°C
Vapour diffusion resistance μ	11500
Thickness	0.20 ± 0.05 mm
S <sub>d</sub> value mean / humidity adaptive	2.30 ± 0.25 m acc. to DIN EN 1932/DIN EN ISO 12572
Fire class	E acc. to EN 13501-1
Maximum tensile strength longitudinal / transverse	355 N/5 cm / 285 N/5 cm acc. to DIN EN 13859-1
Extension longitudinal/transverse	15 %/15 % acc. to DIN EN 13859-1
Tear propagation resistance longitudinal / transverse	240 N/200 N acc. to DIN EN 13859-1
Colour/imprint	white-transparent/grey
Roll length	50 + 0.50 m
Roll width	1.50 + 0.005 m / 3 + 0.01 m
Surface	approx. 75 m <sup>2</sup> / approx. 150 m <sup>2</sup>
Roll weight	approx. 7.5 kg / approx. 15 kg



### ISOFLOC TAPE VA AND ISOFLOC PATCH VA:

Application area	The <b>isofloc tape VA</b> all-round adhesive tape is suitable for the permanent airtight and secure sealing of overlaps of vapour barrier and air sealing membranes and their joints with adjacent smooth, non-mineral building elements and for the bonding of the butt joints of airtight wood boards. The <b>isofloc patch VA</b> adhesive patch is suitable for the simple, fast and permanently tight patching of blow-in openings and for repair bonding in air sealing layers. A permanent bond to produce an airtight seal is achieved on all isofloc vapour barrier and air sealing membranes but also on PE-, PA-, PP- and aluminium foils. Bonds and joints to planed and painted timber, rigid plastics and metals (e.g. pipe feed-throughs, roof lights etc.) and rigid engineered wood boards (chipboard, OSB, veneered plywood, MDF and other fibreboards). On porous, absorbent materials such as fibreboard only after priming.
Benefits	Permanently tight bonds inside and out · Can be torn off by hand · Watertight adhesive · Excess parting layer is easy to remove from the isofloc patch VA
Carrier material	Special polypropylene fleece
Parting layer	Siliconized paper
Temperature resistance	-40°C to +90°C
Handling temperature	from -10°C
Outdoor weathering	6 months
Storage	cool and dry
Colour/imprint	white/red
Roll length isofloc tape VA	30 m
Roll width isofloc tape VA	6 cm
Length x width isofloc patch VA	18 x 18 cm

### ISOFLOC COL OF:

Application area	Durable, elastic, frost-proof bonding adhesive for indoor and outdoor use. For the airtight bonding of vapour retarders and vapour barriers of all types, e.g. isofloc static and isofloc active plus PE-, PA-, PP- and aluminium foils plus roof and facade membranes to adjacent structural elements, wood, rigid wood boards, rigid plastic and non-rusting metal.
Benefits	Permanently elastic with high strength and elongation · Quick-drying · Wet and dry processes
Material	Acrylic acid copolymer-based dispersion, free from plasticizers or halogens
Properties	frost-resistant, high elongation capacity
Temperature resistance	-20°C to +80°C
Handling temperature	-10°C to +50°C
Storage	cool and dry up to -20°C
Colour	green
Packaging	Foil packs 600 ml
Bead and coverage	with 5 mm approx. 30 m/with 8 mm approx. 12 m



### We shall be happy to answer any questions you might have:

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