

TECHNICAL DATASHEET

Material : EPDM rubber Roofing
Thickness : 0,6 mm / 0,8 mm / 1 mm / 1,2 mm
Color : black

Chemical resistance

Medium Group	Medium	Evaluation*
	Bitumen	+
Oils and fuels	ASTM N° 1 Oil	0
	ASTM N° 2 Oil	0
	ASTM N° 3 Oil	-
	ASTM Fuel A	-
	ASTM Fuel B	-
	ASTM Fuel C	-
	Fuel oil	-
	Aviation fuel	0
	Kerosene	-
Automotive products	Grease	0
	Motor oil 10W-30	-
	Petrol RON 94	-
	Petrol RON 99	-
	Petrol RON 102	-
	Leaded petrol	-
Hydraulic fluids	Cronite 8200	+
	Pydraul F-9	+
	Pydraul 60	+
	Skydrol	+
	Skydrol 500	+
Solutions / mixtures	Saturated glucose solution	+
	Iodine tincture	+
Antifreeze	Prestone Antifreeze	+
	Dowgard Antifreeze	+

* + : resistant
 0 : conditionally resistant
 - : instable

Specifications refer to room temperature. The material is instable or conditionally resistant in organic solvents but resistant in aqueous media (except in extreme cases).

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Mechanical and chemical properties

	0,6 mm	0,8 mm	1 mm	1,2 mm	
Thickness tolerance	± 25 %	± 20 %	± 20 %	± 10 %	
Water vapour diffusion resistance value	$\mu \leq 50.000$				EN 1931
Sd	approx. 12 m	approx. 16 m	approx. 20 m	approx. 24 m	DIN EN ISO 12572
Tensile strenght	≥ 6 MPa	≥ 7 MPa	≥ 7 MPa	≥ 8 MPa	EN 12311-2
Elongation at break	≥ 250 %	≥ 300 %	≥ 300 %	≥ 300 %	EN 12311-2
Tear resistance	≥ 10 N	≥ 10 N	≥ 10 N	≥ 20 N	EN 12310-2
Water tightness 2kPa water pressure	pass				EN 1928
Durability against ageing	pass				EN 1296 / EN1931
Fire behaviour	fire behaviour class E				EN 13501-1

Processing notes

The inner seal must be more vapour diffusion-proof than the outer seal.

Ensure that the joint gap is well insulated with appropriate material (mineral wool or similar) when sealing to avoid thermal bridges and interior temperatures dropping below dew point.

- Check the adhesive compatibility of the surface.
- The undergrounds must be clean, dry, solvent-, grease- and oil-free.
- The seam overlap of individual sheet widths should be at least 10 cm.

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