

Characteristic	Standard	Declared Value
Length	EN 1848 -1	6,00 m
Width	EN 1848 -1	1,00 m
Thickness	EN 1849 -1	5,00 mm $\pm$ 1,00 mm
Visible defects	EN 1850 -1	No visible defects
Mass	EN 1849 -1	5,25 $\pm$ 1,05 kg/m ²
Filler content		0%
Water tightness	EN 1928	450 KPa
Water tightness after ageing (12 weeks at 80°C)	EN 1296 and EN 1928	450 KPa
Tensile properties:		
Elongation at break (length and width direction)	ISO 37	1000 $\pm$ 100 %
Tensile strength (length and width direction)	ISO 37	1,20 $\pm$ 0,40 N/mm ²
Static loading	EN 12730	18 kg
Impact Resistance: Aluminium EPS 150	EN 12691	500 mm 2000 mm
Low temperature flexibility	EN 1109	$\geq$ -25 °C
Chemical resistance (seaside chemicals)	EN 13969	Resistant to chlorides, nitrates and sulphates
Reaction to fire	EN 13501 -1	Class E -d2
Vapour Transmission	EN 1931	Moisture flow rate (g): 1,54 x 10 ⁻⁹ kg m ⁻² s ⁻¹ Moisture resistance factor(μ): 50400
Vapour Transmission after ageing	EN 1296 and EN 1931	Moisture flow rate (g): 1,01 x 10 ⁻⁹ kg m ⁻² s ⁻¹ Moisture resistance factor(μ): 78800
Peel resistance of joints	EN 12316 -1	Does not peel
Shear resistance of joints	EN 12317 -1	Does not shear