

# TECHNICAL DATASHEET

## SILTEC RP 1.5MM



CONFORMITY NUMBER:  
EN 13956

### DESCRIPTION

Polyester reinforced multi-layer synthetic membrane produced by co-extrusion on a base of premium quality plasticized polyvinyl chloride (PVC-P). The upper face has outstanding resilience against weathering and UV degradation, while the underside is puncture resistant.

### KEY FEATURES

Outstanding resistance to weathering and UV degradation, resistant to windload, excellent flexibility in cold temperatures, high water vapour permeability, 100% recyclable.

### APPLICATION

In-seam fastening: fasteners are placed in the overlap between adjacent sheets and protected by the welded seam. SILTEC PVC single ply membrane laps are welded with specialist hot air tools and pressure rollers. Avoid direct contact with any materials containing bitumen and solvents, or foam insulation materials (EPS, XPS, PU, Foamglas) that do not have foil, tissue or fleece facings.

### TECHNICAL DATA

CHARACTERISTIC	TEST METHOD	UNITS	VALUE
Length / Width	EN 1848-2	m	20 x 1.05
Thickness	EN 1849-2	mm	1.5 (-5% + 10%)
Weight	EN 1849-2	Kg/m <sup>2</sup>	1.8
Watertightness at 60 KPa	EN 1928 - B	kPa	> 10
External fire performance	EN 13501 - 5	-	Broof (t1), Broof (t2) Broof
Reaction to fire	EN 13501 - 1	-	Class E
Tensile strength (L / T)	EN 12311 - 1	N/50mm	L,T > 1,100
Elongation (L / T)	EN 12311 - 2	%	> 18
Resistance to tearing (L / T)	EN 12310 - 2	N	> 150
Joint peel resistance	EN 12316-2	N/50mm	> 300
Foldability at low temperature	EN 495-5	°C	< -35
UV exposure	EN 1297	H	> 5,000
Resistance to impact	EN 12691	mm	> 800

### STORAGE

Rolls should be stored horizontally in temperatures > 0°C. Keep away from heat sources, keep covered but ventilated until use. Do not store rolls vertically and do not stack pallets.

*Please contact our technical department if you need assistance with the product installation, or if you have an issue which requires a technical solution.*

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