BauderTHERMOFIN F 12

Technical data sheet

Type of application		**FPO/TPO waterproofing membrane for loose laying, mechanically fixed or under ballast**
Surface	Top	silver grey similar RAL 7001
	Bottom	**Black**
Reinforcement	Type	**Glass fleece**
Article number		**6812 0150**

Characteristic		Test method	Value
Visible defects		EN 1850-2	no visible defects
Length		EN 1848-2	25 m (-0/+5%)
Width		EN 1848-2	1,50 m (-0,5/+1%)
Straightness		EN 1848-2	< 50 mm
Flatness		EN 1848-2	< 10 mm
Mass per unit area		EN 1849-2	1,3 kg/m² (-5/+10%)
Effective thickness		EN 1849-2	1,2 mm (-5/+10%)
Water tightness		EN 1928 Method B	passed
External fire performance		CEN/TS 1187	npd
Reaction to fire		EN 13501-1	class E according EN 13501-1
Joint peel resistance		EN 12316-2	≥ 200 N
Joint shear resistance		EN 12317-2	> 300 N
Tensile stress	md	EN 12311-2 B	≥ 5 N/mm²
	cd	EN 12311-2 B	≥ 5 N/mm²
Elongation at break	md	EN 12311-2 B	≥ 200 %
	cd	EN 12311-2 B	≥ 200 %
Resistance to impact	hard surface	EN 12691	> 400mm
	soft surface	EN 12691	> 500 mm
Resistance to static load	hard surface	EN 12730	> 15 kg
	soft surface	EN 12730	> 15 kg
Tear resistence		EN 12310-2	> 150 N
Resistance to root penetration		EN 13948	npd
Dimensional stability		EN 1107-2	< 0,3 %
Foldability at low temperature		EN 495-5	≤ -40 °C
UV exposure (> 2500 h)		EN 1297	passed
Durability Watertightness after artificial ageing		EN 1296 acc. EN 1928 (Method B 24h/60kpa)	passed
Durability Watertightness after exposure to chemicals		EN 1847 acc. EN 1928 (Method B 24h/60kpa)	passed
Hail resistance	hard surface	EN 13583	npd
	soft surface	EN 13583	npd
Water vapour properties*)		EN 1931	150.000 (±30%)
Exposure to bitumen		EN 1548	passed
Nail Shaft test		EN 12310-1	> 300 N

*) The characteristic meant is the moisture resistance factor µ.

CE

Identification number of the certification body: 0800

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CPR – 51213; EN 13956 / CPR – 51214; EN 13967

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