BauderTHERMOFOL U 15
Technical data sheet

Type of application:		**PVC-P waterproofing membrane for loose laying, mechanically fixed or under ballast**
Surface	top:	**light grey**
	bottom:	**dark grey**
Reinforcement	type:	**Synthetic PES fibre fabric**
Article number		**6115 0000**

Characteristic	Test method	Unit	Value
Visible Defects	DIN EN 1850-2	-	no visible defects
Length	DIN EN 1848-2	m	20 (-0/+5 %)
Width	DIN EN 1848-2	m	1.5 (-0.5/+1 %)
Straightness	DIN EN 1848-2	mm / 20 m	< 50
Evenness	DIN EN 1848-2	mm / 20 m	< 10
Area mass / weight	DIN EN 1849-2	kg/m²	1.8 (-5/+10 %)
Thickness	DIN EN 1849-2	mm	1.5 (-5/+10 %)
Watertightness type B	DIN EN 1928 Verf. B	kPa/72h	passed
External fire performance	DIN V ENV 1187	-	passed
Reaction to fire	DIN EN ISO 11925-2	-	class E according to DIN EN 13501-1
Peel resistance of joint	DIN EN 12316-2	N / 50 mm	> 200
Shear resistance of joint	DIN EN 12317-2	N / 50 mm	> 600, tear-off beyond joint
Max. tensile force	DIN EN 12311-2 A	N / 50 mm	length: ≥ 1000 transverse: ≥ 1000
Elongation at max. tensile force	DIN EN 12311-2 A	%	length: ≥ 19 transverse: ≥ 19
Resistance to impulsive impact Hard underlay Soft underlay	DIN EN 12691	 mm mm	 > 400 > 700
Resistance to static impact Hard underlay Soft underlay	DIN EN 12730 A	 kg kg	 ≥ 20 ≥ 20
Tear propagation resistance	DIN EN 12310-2	N	> 200
Root resistance	pr DIN EN 13948/FLL	-	FLL passed
Dimensional stability	DIN EN 1107-2	%	< 0.3
Cold seaming	DIN EN 495-5	°C	-30
UV radiation (1000 h)	DIN EN 1297		class 1
Vapour permeance	DIN EN 1931	µ	< 20 000
Durability of watertightness after ageing	DIN EN 1296 nach DIN EN 1928 (Methode B 24h/60kpa)		passed
Durability of watertightness after impact of chemicals	DIN EN 1847 nach DIN EN 1928 (Methode B 24h/60kpa)		passed
Resistance to alkali	DIN EN 14909,C		nvs
Nail shaft test	DIN EN 12310-1		> 200

nvs = no value specified

CE

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