BauderTHERMOPLAN T 15

Technical data sheet

Type of application:		**FPO waterproofing membrane for loose laying, mechanically fixed or under ballast**
Surface	Top:	**Pearl white**
	Bottom:	**Black**
Reinforcement	Type:	**Synthetic PES fibre fabric**
Article number:		**6615 0150**

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	1.85 (-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	-	Broof (t1), (t3) in defined roof systems
Reaction to fire	DIN EN ISO 11925-2	-	class E according to DIN EN 13501-1
Peel resistance of joint	DIN EN 12316-1	N / 50 mm	≥ 300
Shear resistance of joint	DIN EN 12317-2	N / 50 mm	≥ 500, tear-off beyond joint
Max. tensile force	DIN EN 12311-2 A	N / 50 mm	length: ≥ 1200 transverse: ≥ 1200
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	 > 700 > 950
Resistance to static impact Hard underlay Soft underlay	DIN EN 12730 A	 kg kg	 ≥ 20 ≥ 20
Tear propagation resistance	DIN EN 12310-2	N	> 320
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	DIN EN 1297		passed > 5000 h
Vapour permeance	DIN EN 1931	µ	approx. 200 000
Reaction to bitumen	DIN EN 1548		passed according to DIN EN 13956 Ab. 5.2.1.8, method B
Durability of watertightness after ageing	DIN EN 1296 acc. DIN EN 1928, B		passed
Durability of watertightness after impact of chemicals	DIN EN 1847 acc. DIN EN 1928, B		passed
Durability against alkali	DIN EN 14909, C		not declared

nvs = no value specified

CE

Identification number of the certification body: 0800

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Certification number CPD-51421 EN 13 956, EN 13 967

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