

# Bauder PLANT E 4 mm

## Technical data sheet

Type of application:	<b>Elastomer bitumen torch-on capping sheet as root barrier according to LDA-rules</b>		
Surface	top:	<b>Green slate, 10 cm welding joint</b>	
	bottom:	<b>Foil</b>	
reinforcement	type and weight:	<b>Polyester fleece 250 g/m<sup>2</sup></b>	
Article number	<b>1725 0000</b>		

Characteristic	Test method	Unit	Value
length	DIN EN 1848-1	m	7.5
width	DIN EN 1848-1	m	1
thickness	DIN EN 1849-1	mm	4.2
Flexibility at low temperature	DIN EN 1109	°C	-36
Flow resistance at elevated temperature	DIN EN 1110	°C	+120
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	1000
Tensile properties: elongation	DIN EN 12311-1	%	45
straightness	DIN EN 1848-1	mm / 10m	≤ 20
watertightness type A and T	DIN EN 1928 Verf. B	-	passed at 200 kPa/24h
Reaction to fire	DIN EN ISO11925-2	-	class E according to DIN EN 13501-1
External fire performance	DIN V ENV 1187	-	passed
Resistance to root penetration	FLL	-	passed
Visible defects	DIN EN 1850-1	-	no visible defects
Peel resistance of joint	DIN EN 12316-1	N / 50 mm	nvs
Shear resistance of joint	DIN EN 12317-1	N / 50 mm	nvs
Resistance to impact	DIN EN 12691	mm	600
Resistance to static loading	DIN EN 12730	kg	≥ 15
Dimensional stability	DIN EN 1107-1	%	≤ 0.4
Artificial ageing DIN EN 1296	DIN EN 1109	°C	-10
	DIN EN 1110	°C	+100
Root resistance	DIN EN 13948	-	LDA test passed

nvs = no value specified



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