

Bauder PRO 40 basalt

Technical data sheet

Type of application:	Single-ply elastomer bitumen waterproofing membrane for industrial light roofs		
Surface	top:	Black slate	
	bottom:	Foil	
reinforcement	type and weight:	Polyester fleece 250 g/m²	
Article number	1734 0007		

Characteristic	Test method	Unit	value
length	DIN EN 1848-1	m	8
width	DIN EN 1848-1	m	1
thickness	DIN EN 1849-1	mm	4.2
Flexibility at low temperature	DIN EN 1109	°C	≤ -25
Flow resistance at elevated temperature	DIN EN 1110	°C	≥ +100
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	1000
Tensile properties: elongation	DIN EN 12311-1	%	45
Tear propagation resistance	DIN EN 12310-1	N	longitudinal: 360 / transverse: 380
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
Visible defects	DIN EN 1850-1	-	no visible defects
Peel resistance of joint	DIN EN 12316-1	N / 50 mm	≥ 180
Shear resistance of joint	DIN EN 12317-1	N / 50 mm	≥ 1000
Resistance to impact	DIN EN 12691	mm	nvs
Resistance to static loading	DIN EN 12730	kg	≥ 25
Dimensional stability	DIN EN 1107-1	%	≤ 0,3
Artificial ageing DIN EN 1296	DIN EN 1109	°C	-15°C
	DIN EN 1110	°C	100°C
Adhesion of slate	DIN EN 12039	%	85
Fire classification	EN 13501-5	-	Broof (t2)*

nvs = no value specified

* tested in system

The declared values are determined statistically and are subject to tolerances.



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