

Bauder KARAT graphite black

Technical data sheet

Type of application:	Top-quality polymer bitumen torch-on membrane as capping sheet		
Surface	top:	Slate graphite black	
	bottom:	Foil	
Reinforcement	type and weight:	Polyester composite approx. 300 g/m²	
Article number	1716 0000		

Characteristic	Test method	Unit	Value
length	DIN EN 1848-1	m	5.0
width	DIN EN 1848-1	m	1
thickness	DIN EN 1849-1	mm	5.2
Flexibility at low temperature	DIN EN 1109	°C	top: -25 bottom: -40
Flow resistance at elevated temperature	DIN EN 1110	°C	top: +150 bottom: +120
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	length: 1450 transverse: 1450
Tensile properties: elongation	DIN EN 12311-1	%	length: 23 transverse: 23
straightness	DIN EN 1848-1	mm / 10m	≤ 20
watertightness type A and T	DIN EN 1928 Verf. B	-	passed
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	nvs
Shear resistance of joint	DIN EN 12317-1	N / 50 mm	nvs
Resistance to impact	DIN EN 12691	mm	nvs
Resistance to static loading	DIN EN 12730	kg	nvs
Dimensional stability	DIN EN 1107-1	%	≤ 0.1 %
Artificial ageing DIN EN 1296	DIN EN 1109	°C	nvs
	DIN EN 1110	°C	

nvs = no value specified

*tested in system



Identification number of the certification body: 1724
 Certificate number WPK: 021101 / 021201
 (06)
 DIN EN 13707, DIN EN 13969