

# BauderKARAT

## Technical data sheet

Type of application:	<b>Top polymer bitumen torch-on membrane – capping sheet</b>		
Surface	top:	<b>green-white, graphite black</b>	
	bottom:	<b>foil</b>	
Reinforcement	type and weight:	<b>Polyester composite reinforcement approx. 300 g/m<sup>2</sup></b>	
Article number	<b>1717 0000 / 1716 3000</b>		

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 (±10%)      transverse: 1450 (±10%)
Tensile properties: elongation	DIN EN 12311-1	%	length: 23 (±3)      transverse: 23 (±3)
straightness	DIN EN 1848-1	mm / 10m	≤ 20
water-tightness type A	DIN EN 1928 Verf. B	-	passed
Reaction to fire	DIN EN ISO11925-2	-	class E according to DIN EN 13501-1
External fire performance <sup>a)</sup>	DIN V ENV 1187	-	B <sub>ROOF</sub> (t1, t2, t3, t4)
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	≥ 2000
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

<sup>a)</sup> The determination of the method for external fire performance is a system test that can be influenced by system components which are not produced or sold by Bauder GmbH & Co. KG. A performance for the single product can therefore not be stated.

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



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 (06)  
**DIN EN 13707, DIN EN 13969**