

# BauderFLEX DNA

## Technical Data Sheet

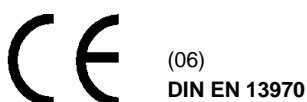
Type of application:	<b>Elastomer bitumen torch-on membrane as vapour barrier</b>		
Surface	top:	<b>Mica with seam stripes</b>	
	bottom:	<b>Foil</b>	
Reinforcement	type and weight:	<b>Aluminium-polyester-combination with special reinforcement</b>	
Article number	<b>1327 0000</b>		

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	4.0
Flexibility at low temperature	DIN EN 1109	°C	≤ -30
Flow resistance at elevated temperature	DIN EN 1110	°C	≥ +110
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	length: ≥ 650      transverse: ≥ 500
Tensile properties: elongation	DIN EN 12311-1	%	length: ≥ 3      transverse: ≥ 3
Straightness	DIN EN 1848-1	mm / 10m	≤ 20
Watertightness type A and T	DIN EN 1928 Verf. B	-	passed
Water vapour transmission properties (sd-value)	DIN EN 1931	m	≥ 1500
Reaction to fire	DIN EN ISO11925-2	-	class E according to DIN EN 13501-1
External fire performance <sup>a)</sup>	DIN EN ENV 1187	-	B <sub>ROOF</sub> (t1)
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	≥ 300
Resistance to static loading	DIN EN 12730	kg	nvs
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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## Product Information Sheet

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<b>Product description</b>	Torchable elastomer bitumen membrane with aluminium-polyester-combination and special reinforcement.
<b>Field of application</b>	Torchable elastomer bitumen membrane for application as vapour barrier under various thermal insulation materials.
<b>Service description</b>	BauderFLEX DNA is welded full-surface or punctually, or laid loosely according to specification of the construction supervision. Joint and lap with 8-10 cm wide welded overlap. Place joints and laps shifted. After the application the membrane should be covered by further layers after 6 months latest.
<b>Storage</b>	Store Bauder bitumen membranes vertically and protected against UV-radiation, humidity and heat. In cold season the rolls possibly have to be tempered before.
<b>Waste handling</b>	Bitumen waste can be disposed with an ordinary public waste or similar trade waste (European waste catalogue EWC number 170302 „asphalt-tarless“)