

BauderFLEX DNA

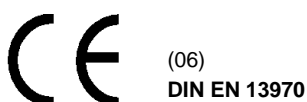
Technical data sheet

Type of application:	Special elastomeric bitumen membrane as vapour barrier		
Surface	top:	Mica black with sean stripes	
	bottom:	Foil	
Reinforcement	type and weight:	Combinated PET / aluminium / PET + fibre glass	
Article number	1327 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	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	DIN EN 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	%	nvs
Artificial ageing DIN EN 1296	DIN EN 1109	°C	nvs
	DIN EN 1110	°C	

nvs = no value specific

* tested in system



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Product information

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Product description	Torchable polymeric bitumen membrane with tear-resistant aluminium-glass-combination foil
Field of application	Vapour barrier on all sustainable inflammable substructures
Service description	BauderFLEX DNA is welded full-surface or punctually on the substructure, which is pre-treated with Bauder Burkolit V primer. Joint and lap area are welded with 8 -10 cm wide overlap. Place joints and laps shifted. After the application the membrane should be covered by further layers after 6 months latest.
Storage	Store Bauder bitumen membranes vertically and protected against UV-radiation, humidity and heat. In cold season the rolls possibly have to be tempered before.
Waste handling	Bitumen waste can be disposed with an ordinary public waste or similar trade waste (European waste catalogue EWC number 170302 „asphalt-tarless“)