BauderTEC DBR
Technical data sheet

Type of application:		**Fire load reduced cold self-adhesive elastomer bitumen vapour barrier membrane**
Surface	top:	**Special aluminum foil**
	bottom:	**Pull-off foil, cold self-adhesive compound**
Reinforcement	type and weight:	**Aluminium polyester combination + glas lattice**
Article number		**1597 0000**

Characteristic	Test method	Unit	Value
Length	DIN EN 1848-1	m	60.0
Width	DIN EN 1848-1	m	1.25
Thickness	DIN EN 1849-1	mm	approx. 0.4
Flexibility at low temperature	DIN EN 1109	°C	≤ -40
Flow resistance at elevated temperature	DIN EN 1110	°C	≥ +110
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	length: ≥ 950 transverse: ≥ 750
Tensile properties: elongation	DIN EN 12311-1	%	length: ≥ 4 transverse: ≥ 4
Straightness	DIN EN 1848-1	mm / 10m	≤ 20
Watertightness type A	DIN EN 1928 Verf. B	-	passed
Reaction to fire	DIN EN ISO11925-2	-	class E according to DIN EN 13501-1
Reaction to external fire	DIN V ENV 1187	-	passed*
Visible defects	DIN EN 1850-1	-	no visible defects
Water vapour transmission properties (sd-value)	DIN EN 1931	m	≥ 1500
Specific fuel value PCI H_u (DIN 18234)	DIN EN ISO 1716	MJ/m²	10.5
Peel resistance	DIN EN 12316-1	N / 50 mm	nvs
Shear resistance	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
Künstliche Alterung DIN EN 1296	DIN EN 1109 DIN EN 1110	°C °C	nvs

nvs = no value specified
* tested in system
The declared values are determined statistically and are subject to tolerances.

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DIN EN 13970

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