

BauderTEC KSA DUO

Technical data sheet

Type of application:	Cold self-adhesive elastomer bitumen underlay membrane with variable joint adhesion		
Surface	top:	Foil	
	bottom:	Perforated pull-off foil, cold self-adhesive compound	
reinforcement	type and weight:	Glass lattice	
Article number	1606 0000		

Characteristic	Test method	Unit	Value
length	DIN EN 1848-1	m	7.5
width	DIN EN 1848-1	m	1
thickness	DIN EN 1849-1	mm	3
Flexibility at low temperature	DIN EN 1109	°C	top: ≤ -25 bottom: ≤ -30
Flow resistance at elevated temperature	DIN EN 1110	°C	top: ≥ +100 bottom: ≥ +100
Tensile properties: max. tensile force	DIN EN 12311-1	N / 50 mm	length: ≥ 1000 transverse: ≥ 1000
Tensile properties: elongation	DIN EN 12311-1	%	length: ≥ 2 transverse: ≥ 2
straightness	DIN EN 1848-1	mm / 10m	≤ 20
watertightness type A	DIN EN 1928 Verf. B	-	passed at 100 kPa/24h
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	KLF
Shear resistance of joint	DIN EN 12317-1	N / 50 mm	KLF
Resistance to impact	DIN EN 12691	mm	KLF
Resistance to static loading	DIN EN 12730	kg	KLF
Dimensional stability	DIN EN 1107-1	%	KLF
Artificial ageing DIN EN 1296	DIN EN 1109	°C	KLF
	DIN EN 1110	°C	

KLF = 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

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	bottom:	Perforated pull-off foil, cold self-adhesive compound
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Product description:

Cold self-adhesive elastomer bitumen membrane with small thickness and very flexible reinforcement. One joint is cold self-adhesive, the other one can be welded by torch or hot air. Thereby there is a choice depending on weather conditions or temporary sealing requirements.

Field of application:

Can be used as cold self-adhesive underlayer on flat roof constructions with multilayer system, e.g. on not fireproofed insulation or fire endangered substructures in roofage and details area. Temporary sealing is possible by welding joint connection.

Service description:

BauderTEC DUO cold self-adhesive membrane upper face with foil, glue by pulling off perforated protection sheet on underground holohedrally. Joint and lap area overlap 8 – 10 cm. Place joints and laps shifted. If you want to use the membrane for temporary sealing, joint must be welded. Torch bead should be visible.

Storage:

Bauder bitumen membranes store 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“)



Kenn-Nr. der Prüfstelle
Zertifizierungsnummer WPK:
(06)
DIN EN 13165