

Technical data sheet

BauderTEC KSD DUO

Roofing membrane



22/11/2022

Product description	Elastomer bitumen self-adhesive air & vapour control layer with variable technology for lap sealing. The two side laps of the membrane have differing finishes. On one lap there is a self-adhesive finish, whilst the opposite lap has a glass fleece. This allows the membrane to be sealed with either a gas torch or hot air welder.	
Application fields	Air & vapour control layer and carrier membrane in a flat roof system. Can be used adhered on a variety of appropriately prepared substrates and insulants.	
Surface	top:	PE foil
	bottom:	release film (cold self-adhesive bitumen underside)
Reinforcement type and weight	aluminium-polyester-combination with glass fleece	
Article number	1619 0000	



Characteristic	Test method	Unit	Value
Length	EN 1848-1	m	15
Width	EN 1848-1	m	1
Thickness	EN 1849-1	mm	1,5
Mass per unit area	-	kg/m ²	1,8
Straightness	EN 1848-1	mm/10m	<20
Reaction to fire	EN 13501-1	Class	E
Watertightness	EN 1928	-	passed
Water vapour transmission	-	m	≥1500
Flexibility at low temperature top	EN 1109	°C	≤-30
Flexibility at low temperature bottom	EN 1109	°C	≤-30
Flow resistance at elevated temperature top	EN 1110	°C	≥100
Flow resistance at elevated temperature bottom	EN 1110	°C	≥100
Max. tensile force length	EN 12311-1	N/50mm	≥400
Max. tensile force transverse	EN 12311-1	N/50mm	≥300
Elongation at max. tensile force length	EN 12311-1	%	≥2
Elongation at max. tensile force transverse	EN 12311-1	%	≥2



Notified body: MPA Stuttgart, 0672
EN 13970



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Characteristic	Test method	Unit	Value
External fire performance	CEN/TS 1187	-	Product has been fire tested as part of a system assembly and this information can be obtained in the Fire Test Report available from Bauder Ltd.

Installation guidance	The membrane has no temporary waterproofing function. The additional waterproofing system has to be installed immediately after application.
Product storage guidance	On end/Upright - The membranes must also be protected from UV rays, moisture and heat.
Pallet size	Pallet size =24 rolls/360m ² per pallet
Storage temperature range	+5°C to +30°C
Packaging material	The product will be delivered on wooden pallets with plastic overwrap to protect the product. Each roll has a paper wrapping/tape to the external of the product, which must be removed before use.
Handling/PPE	All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using/handling the product, installers should be provided with, and wear, suitable personal protective equipment.
Shelf life	When stored correctly, the product has a stated shelf life of 9 months. We would suggest additional installation techniques may be required to ensure adequate adhesion is achieved.
Disposal guidance	Bitumen waste can be disposed of with household waste or commercial waste similar to household waste (European waste catalogue EWC number 170302 "asphalt tar-free").
Further information/documents	Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk
Safety Data Sheet	Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.



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