

# Technical data sheet

## BauderTEC KSO ALP SN

### Roofing membrane



22/11/2022

<b>Product description</b>	Polymer bitumen dual formulation torch-on capping sheet. APP plastomeric top and SBS elastomeric bottom self-adhesive capping sheet. The lap of the membrane is equipped with a glass fleece to the underside. This allows the membrane to be sealed with a hot air welder.		
<b>Application fields</b>	Capping sheet in a flat roof system. Used in 'torch-free' areas where a gas torch is prohibited.		
<b>Surface</b>	top:	Brown mineral	
	bottom:	release film (cold self-adhesive bitumen underside)	
<b>Reinforcement type and weight</b>	Polyester/glass composite 300 g/m <sup>2</sup>		
<b>Article number</b>	1618 2006		

Characteristic	Test method	Unit	Value
Length	EN 1848-1	m	5
Width	EN 1848-1	m	1
Thickness	EN 1849-1	mm	4
Mass per unit area	-	kg/m <sup>2</sup>	4,6
Straightness	EN 1848-1	mm/10m	<20
Reaction to fire	EN 13501-1	Class	E
Watertightness	EN 1928	-	passed
Flexibility at low temperature top	EN 1109	°C	≤-25
Flexibility at low temperature bottom	EN 1109	°C	≤-30
Flow resistance at elevated temperature top	EN 1110	°C	≥150
Flow resistance at elevated temperature bottom	EN 1110	°C	≥100
Max. tensile force length	EN 12311-1	N/50mm	≥1000
Max. tensile force transverse	EN 12311-1	N/50mm	≥1000
Elongation at max. tensile force length	EN 12311-1	%	≥2
Elongation at max. tensile force transverse	EN 12311-1	%	≥2
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.



Notified body: GPB, 1724  
EN 13707



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<b>Product surface finish</b>	The mineral surface finish is a natural rock, also containing slate, basalt, sand and other constituent parts. With this being a mixture of natural and man-made products, the raw material may differ in colour and shade, over which we have no control. There may also be colour variations between each roll of membrane for which the manufacturer assumes no liability. Over time the colour of the membranes could change due to weather and environmental influences.
<b>Product storage guidance</b>	On end/Upright - The membranes must also be protected from UV rays, moisture and heat.
<b>Pallet size</b>	Pallet size =28 rolls/140m <sup>2</sup> per pallet
<b>Storage temperature range</b>	+5°C to +30°C
<b>Packaging material</b>	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.
<b>Handling/PPE</b>	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.
<b>Shelf life</b>	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.
<b>Disposal guidance</b>	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").
<b>Further information/documents</b>	Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting <a href="http://www.bauder.co.uk">www.bauder.co.uk</a>
<b>Safety Data Sheet</b>	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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