

PRODUCT DATA SHEET

BauderTEC KSD Mica Air and Vapour Control Layer (AVCL)

A technically advanced, robust, self-adhesive SBS elastomeric bitumen air & vapour control layer, with a mica finished upper surface to allow easy bonding of insulation using the specified Bauder Insulation Adhesive. One side lap features an 80mm wide glass fleece along the underside, and a 100mm laminated strip above. The other side lap has a thermofusible film on the top surface. This arrangement ensures that laps are heat sealed using hot air or gas torch as appropriate to extrude a bitumen bead, thus ensuring waterproofing integrity.

Intended Use

This product is suitable as an air & vapour control layer for installation over certain existing roof systems and all common deck substrates including profiled metal, following application of Bauder SA Bonding Primer, or Bauder Activator-Primer.



SURFACE FINISHES

Top:	Mica
Bottom:	Peel off release film covering self-adhesive bitumen

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE

Characteristic	Test method	Unit	Value	
Width		m	1.08	
Length		m	10.0	
Thickness		mm	2.5	
Weight		kg/m ²	2.5	
Cold bending test	EN 1109	°C	≤ -25	
Softening point	EN 1110	°C	≥ +70	
Tensile properties: max. tensile force	EN 12311-1	N/mm	Length: ≥ 1000/50	Transverse: ≥ 1000/50
Tensile properties: elongation	EN 12311-1	%	Length: ≥ 2	Transverse: ≥ 2
Watertightness	EN 1928	Passed	Type B	
Water vapour transmission	EN 1931		≥ 1500	
Reaction to fire	EN 13501-1		Class E	

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CERTIFICATION AND ENVIRONMENTAL INFORMATION	
BBA Certificate	10/4744
Environmental Product Declaration	S-P-00414
International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany). ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany). ISO 50001: 2011 Energy Management Certificate 70499/03-15_c
BRE Green Guide generic bituminous system rating	A+ to B dependant upon deck type

INSTALLATION GUIDANCE
Refer to the Bauder Installation Manual for guidance

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at technical@bauder.co.uk

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

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