

PRODUCT DATA SHEET

BauderTHERM DS1 DUO Air and Vapour Control Layer(AVCL)

A technically advanced self-adhesive SBS elastomeric bitumen air & vapour control layer with patented “DUO” lap technology to ensure thorough sealing of lap joints, even in lower temperatures. The product also features thermally activated bitumen stripes on its top surface to provide the bonding compound for the insulation boards.

The product benefits from cleaner, safer and faster installation than traditional torch-applied membranes.



SURFACE FINISHES

Top:	Heat activated bitumen stripes with mica between
Bottom:	Peel off release film covering self-adhesive bitumen

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE

Characteristic	Test method	Unit	Value	
Roll width		m	1.08	
Roll length		m	7.5	
Thickness		mm	3.5	
Weight		kg/m ²	4.5	
Reinforcement			Polyester coated aluminium foil + glass fleece	
Tensile strength	Length	EN 12311-1	N/mm	≥400/50
	Diagonal			≥300/50
Elasticity at fracture of re-inforcement	Length	EN 12311-1	%	≥2
	Diagonal			≥2
Cold bending test	EN 1109	°C	-25	
Softening point	EN 1110	°C	+70	
Tear resistance		N	≥150	
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 (Germany)
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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