

## PRODUCT DATA SHEET

### Bauder VB4-Expal Air and Vapour Control Layer (AVCL)

A robust, torch-applied, SBS elastomeric bitumen air & vapour control layer, featuring a tear resistant aluminium foil lining for vapour impermeability.

Once installed, the product provides a temporary waterproofing layer, allowing internal works to be carried out immediately.



#### SURFACE FINISHES

Top:	Mica
Bottom:	Thermofusible polyethylene

#### PRODUCT INFORMATION AND TECHNICAL PERFORMANCE

Characteristic	Test method	Unit	Value	
Roll width		m	1	
Roll length		m	7.5	
Thickness		mm	3.5	
Weight		kg/m <sup>2</sup>	4.5	
Reinforcement		g/m <sup>2</sup>	Polyester coated aluminium foil + 60 g/m <sup>2</sup> glass fleece	
Tensile strength	Length	EN 12311-1	N/mm	≥400/50
	Diagonal			≥400/50
Elasticity at fracture of re-inforcement	Length	EN 12311-1	%	≥2
	Diagonal			≥2
Cold bending test	EN 1109	°C	-20	
Softening point	EN 1110	°C	+70	
Water vapour transmission	EN 1931		≥1500	
Watertightness	EN 1928	Passed	Type B	
Reaction to fire	EN 13501-1		Class E	

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<b>CERTIFICATION AND ENVIRONMENTAL INFORMATION</b>	
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

<b>INSTALLATION GUIDANCE</b>
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](mailto: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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