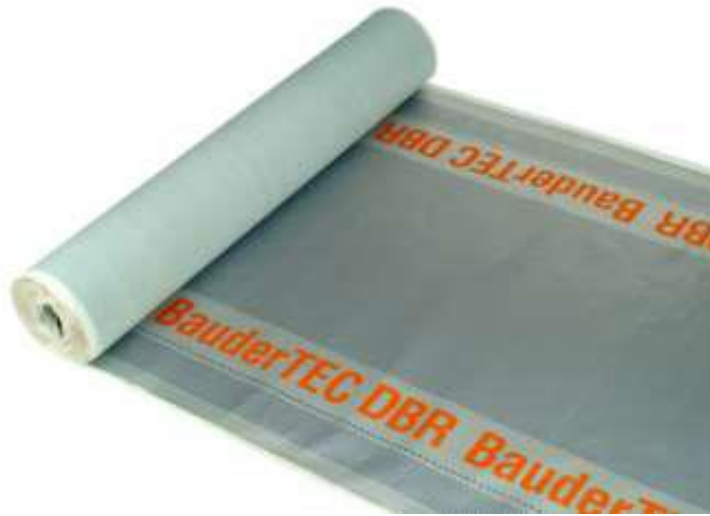


PRODUCT DATA SHEET

BauderTEC DBR Air & Vapour Control Layer (AVCL)

A technically advanced self-adhesive elastomeric reinforced bitumen air and vapour control layer, featuring an aluminium foil facing for vapour impermeability. The product is thinner than other Bauder air and vapour control layers and is therefore lightweight. If this product is being used in a fully bonded system then a Bauder Self Adhesive Primer will be required.

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



PRODUCT INFORMATION AND TECHNICAL PERFORMANCE		
Weights and Sizes	Unit	Value
Roll width	m	1.25
Roll length	m	80
Thickness	mm	0.4
Weight	kg/m ²	0.4
Reinforcement	g/m ²	50 – aluminium/polyester combination
Vapour Resistance	MNs/g	1500.00
Reaction to fire	EN 13501-1	Class E

SURFACE FINISHES	
Top:	Aluminium foil
Bottom:	Peel off release film covering self-adhesive bitumen

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PRODUCT DATA SHEET

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristics		Unit	Value
Tensile strength	Length	N/mm	≥ 950/50
	Diagonal		≥ 750/50
Cold bending test		°C	≤ -40
Shelf Life			9 months from date of manufacture

CERTIFICATION AND ENVIRONMENTAL INFORMATION	
BRE Green Guide generic bituminous system rating	A+ to B dependant upon deck type
FM Certificate	Assembly 230103 (other assemblies available)
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

INSTALLATION GUIDANCE
<p>This product is suitable as an air & vapour control layer for installation over certain existing roof systems and deck substrates including profiled metal and plywood. Application of Bauder SA Bonding Primer, or Bauder Activator-Primer is essential in a fully adhered build up.</p> <p>TEC DBR is not suitable to be used as an AVCL on a new concrete deck or a recently exposed existing concrete deck.</p> <p>For other deck types the membrane can be left for up to 48 hours exposed but should not be treated as a temporary waterproofing membrane. The membrane must be installed onto a substrate with a fall $\geq 1:80$. The direction of the length of the membrane should follow the fall and for metal decks all laps should be fully supported onto the crowns, the cross laps spanning the crowns should be on a reinforcing strip.</p> <p>The reasons for the above guidance are - none of the membrane's laps can be relied upon to be fully watertight, even when hot air welded. Also, on a concrete deck when there is standing water (usually containing alkali slurry) this can delaminate the top foil surface of the membrane. Prolonged exposure to UV can also cause the top foil surface to delaminate. A delaminated top surface will compromise any subsequent bond of the insulation.</p> <p>Refer to the Bauder Installer Manual for further Guidance.</p>

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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