

Technical data sheet

BauderTHERMOFOL D 18

PVC Detailing membrane



10/03/2023

Product description	Unreinforced PVC-P single ply roofing membrane	
Application fields	This detailing membrane should be used around penetrations and at details where movement of the structure(s) is likely.	
Surface	top:	light grey RAL 7035
	bottom:	dark grey
Reinforcement type and weight	unreinforced	
Article number	6101 0050	



Characteristic	Test method	Unit	Value
Visible defects	EN 1850-2	-	no visible defects
Length	EN 1848-2	m	10(-0/+5%)
Width	EN 1848-2	m	0,5(-0,5/+1%)
Straightness	EN 1848-2	mm	< 30
Flatness	EN 1848-2	mm	< 10
Mass per unit area	EN 1849-2	kg/m ²	2,2(-5/+10%)
Effective thickness	EN 1849-2	mm	1,8 (-5/+10%)
Water tightness	EN 1928 - B	-	passed
Reaction to fire	EN 13501-1	-	class E
Joint peel resistance	EN 12316-2	N/50mm	≥200
Joint shear resistance	EN 12317-2	N/50mm	≥450
Tensile strength ld	EN 12311-2 B	N/mm ²	≥13
Tensile strength td	EN 12311-2 B	N/mm ²	≥13
Elongation ld	EN 12311-2 B	%	≥300
Elongation td	EN 12311-2 B	%	≥300
Tear resistance (length)	EN 12310-2	N	> 150
Tear resistance (transversal)	EN 12310-2	N	> 150
Dimensional stability	EN 1107-2	%	≤2
Flexibility at low temperature	EN 495-5	°C	≤ -30
UV exposure	EN 1297	-	passed, class 0 (> 1000 h)
Water vapour transmission	EN 1931	m	20000 (±30%)
External fire performance	CEN/TS 1187	-	not applicable

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Product surface finish	BauderTHERMOFOL D has a standard thickness of 1.8mm to ensure a minimum thickness of membrane for all applications.
Pallet size	Pallet size = 75 rolls/375m ² per pallet
Packaging material	The product will be delivered on wooden pallets with polyethylene overwrap to protect the product. Each roll has a recycled cardboard core. Recycled nylon straps contain the rolls on a pallet.
Handling/PPE	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.
Disposal guidance	Waste of the product is not a hazardous substance. Observe local regulations. European Waste Catalogue EWC number 170203 "Plastic Mirror Non hazardous"
Re-use options of product	Please refer to EPD stated below in Certification and environmental information.
Further information/documents	Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk
Certification and environmental information	<p>BBA Certificate No.: 06/4354</p> <p>FM Approval: Not applicable</p> <p>Environmental Product Declaration: EPD-BAU-20130189-IBCC-DE</p> <p>International Standards Organisation (ISO): ISO 9001:2015 Quality Management Certificate 70499/03-15_e (Germany)</p> <p>ISO 14001:2015 Environmental Management Certificate 70499/03-15_d (Germany)</p> <p>ISO 50001: 2011 Energy Management Certificate 70499/03-15_c (Germany)</p>
Safety Data Sheet	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.