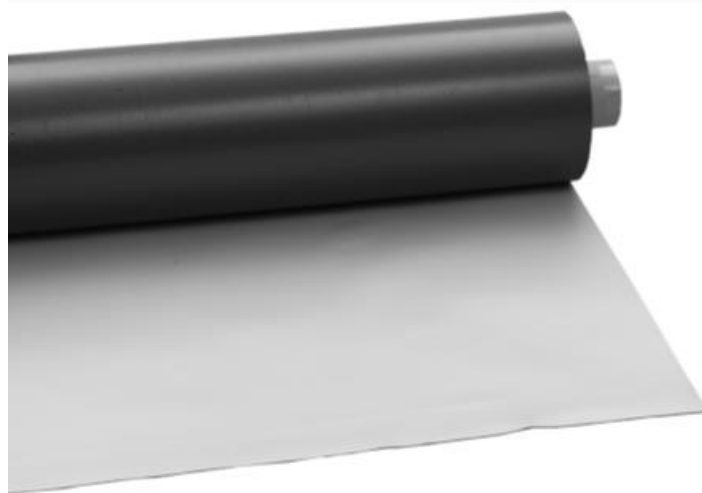



PRODUCT DATA SHEET

Bauder Thermofol U20 Membrane

Bauder Thermofol U20 Membrane is a 2mm gauge, polyester reinforced Poly Vinyl Chloride membrane (PVC). The product is highly flexible due to the incorporation of internal plasticizers during the manufacturing process. This combination of materials gives high tensile strength, good thermal stability, chemical resistance and flexibility. This membrane is primarily employed in mechanically fastened installations, although can be adhered or loose laid ballasted under certain circumstances.



PRODUCT INFORMATION AND TECHNICAL PERFORMANCE		
Weights and Sizes	Unit	Value
Roll width	m	1.5
Roll length	m	20
Thickness	mm	2
Weight	kg/m ²	2.40
Reinforcement		Pre-coated cross-weave polyester

SURFACE FINISHES	MEMBRANE COLOURS
Top:	Light Grey – RAL 7035 
Bottom:	Dark Grey

UNITED KINGDOM

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PRODUCT DATA SHEET

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristics	Test method	Unit	Value
External fire performance*	EN 13501-5		No performance declared
Reaction to fire	EN 13501-1		Class E according to EN 13501-1
Watertightness method B			Passed
Tensile force	md	N/mm	≥ 1000/50
	cd	N/mm	≥ 1000/50
Elongation at maximum tensile force	md	%	≥ 20
	cd	%	≥ 20
Root Resistance			FLL Fulfilled
Resistance to impact	Hard surface	mm	> 600
	Soft surface	mm	> 900
Resistance to static loading	Hard surface	kg	≥ 20
	Soft surface	kg	≥ 20
Tear resistance		N	> 250
Joint peel resistance		N/mm	≥ 200/50
Joint shear resistance		N/mm	≥ 600/50
Durability		h	Passed
Foldability		°C	≤ -30
Dangerous substances			No performance declared

* Determination of external fire performance is a system test, which can be influenced by system components, which are not produced or sold by Bauder Limited, thus performance for each product cannot be given.

CERTIFICATION AND ENVIRONMENTAL INFORMATION	
BBA Certificate	BBA Fire Rating – Test results indicate the product to be designated as being Un-Restricted BRoof (T4) – External fire exposure roof test to B5476: Part 3:200 06/4354
FM Certificate	Assembly 229709 (other assemblies available)
Environmental Product Declaration (EPD)	EPD-BAU-20130188-IBCC-DE
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 product rating	A+

INSTALLATION GUIDANCE
Refer to the PVC Application Instructions Bauder Thermofol Guide

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