


PRODUCT DATA SHEET

Bauder Thermoplan T SV 20

Bauder Thermoplan T SV 20 is a 2mm gauge polyester reinforced flexible polyolefin membrane (FPO), an alloy of thermoplastic and rubber. This combination gives high tensile strength, good thermal stability, chemical resistance and flexibility.



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:	Pearl White – RAL 1013 
Bottom:	Black

UNITED KINGDOM

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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	≥ 1200/50
	cd	N/mm	≥ 1200/50
Elongation at maximum tensile force	md	%	≥ 19
	cd	%	≥ 19
Root Resistance			FLL Passed
Resistance to impact	Hard surface	mm	>900
	Soft surface	mm	>1250
Resistance to static loading	Hard surface	kg	≥ 20
	Soft surface	kg	≥ 20
Tear resistance		N	> 400
Joint peel resistance		N	≥ 300
Joint shear resistance		N	≥ 500
Durability		h	≥ 5000 – 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 04/4120
FM Certificate	Assembly 230098 (other assemblies available)
Environmental Product Declaration (EPD)	EPD-BAU-20130189-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 FPO Laying Instructions Bauder Thermoplan Guide.

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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