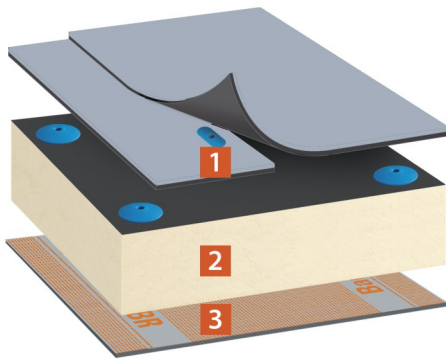


SYSTEM SUMMARY

Thermoplan FPO System


Single layer sheet warm roof covering system - mechanically fixed

Mechanically fixed, warm roof, single ply membrane waterproofing system suitable for new build, refurbishment and extensive green roof applications. A range of membrane colours and thicknesses are available.



Product	Description	thickness	weight
1 Thermoplan TSV 12, 15, 20 membrane	Three membranes available with thicknesses of 1.2, 1.5 and 2.0mm. The membranes are reinforced with a pre-coated polyester cross weave matting for high tear resistance required of a mechanically fastened membrane.	TSV15 1.5mm	1.8Kg/m ²
2 PIR FA Flatboard Insulation	Fully compatible; thermally efficient, lightweight; The insulation is foil-faced on both sides for increased thermal efficiency.	120mm (or as specification)	3.6Kg/m ²
3 Tec DBR Air & Vapour Control Layer	A self-adhesive elastomeric bitumen air and vapour control layer, featuring an aluminium foil facing.	0.4mm	0.40Kg/m ²
System Build up		121.9mm	5.80Kg/m²

SYSTEM OPTIONS

MEMBRANE COLOURS	
Silver grey RAL 7001	
Pearl white RAL 1013	

AIR & VAPOUR CONTROL LAYERS		
BAUDER MEMBRANE	SUITABILITY TO DECK TYPE	
Tec DBR	Plywood OSB Metal	Please contact Bauder for any other deck types not listed and their suitability

INSULATIONS	Bauder PIR FA Flatboard	Bauder PIR Tapered
THICKNESSES (mm)	Approx 'U' VALUE (W/m ² K) assuming concrete, metal or plywood deck & with ceiling	
120	0.17	0.2**
130*	0.16	0.18**
140	0.15	0.17**
160	0.13	0.15**
180*	0.12	0.13**
200*	0.11	0.12**

* denotes thicknesses only available for orders over 1000m²

** denotes U-value based on the average thickness

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