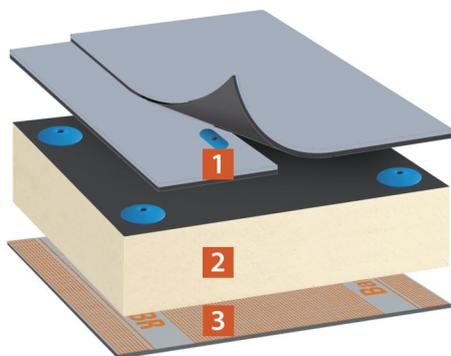


## THERMOPLAN FPO System

### Single layer sheet warm roof covering system - Mechanically fixed BauderPIR FA insulation & BauderTHERMOPLAN T FPO membrane

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 Bauder-THERMOPLAN T 12, T 15 & T 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.	T15 1.5mm	1.8kg/m <sup>2</sup>
2 BauderPIR FA Flatboard Insulation	Fully compatible; thermally efficient, lightweight; zero ODP rated. The mechanically fastened insulation is foil-faced on both sides for increased thermal efficiency.	140mm (or as specification)	4.2kg/m <sup>2</sup>
3 BauderTec DBR 06 Air & Vapour Control Layer	A self-adhesive elastomeric bitumen air and vapour control layer, featuring an aluminium foil facing.	0.6mm	0.60kg/m <sup>2</sup>
<b>System Build up</b>		<b>142.1mm</b>	<b>6.60kg/m<sup>2</sup></b>

### SYSTEM OPTIONS

MEMBRANE COLOURS	
Silver grey RAL 7001	
Pearl white RAL 1013	

AIR & VAPOUR CONTROL LAYERS	
BAUDER MEMBRANE	SUITABILITY TO DECK TYPE
Tec DBR 06	Plywood OSB Metal Concrete  Please contact Bauder for any other deck types not listed and their suitability

INSULATIONS THICKNESSES (mm)	BauderPIR FA Flatboard	BauderPIR FA G16 (Tapered)
	Approx. 'U' VALUE (W/m <sup>2</sup> K) assuming concrete, metal or plywood deck and does not take into account any materials below the deck	
120	0.17/0.18	0.17/0.18**
130*	0.16	0.16**
140	0.15	0.15**
160	0.13	0.13**
180	0.12	0.12**
200	0.11	0.11**

\* denotes thicknesses only available for orders over 1000m<sup>2</sup>

\*\* denotes U-value based on the average thickness at 1:60 falls

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