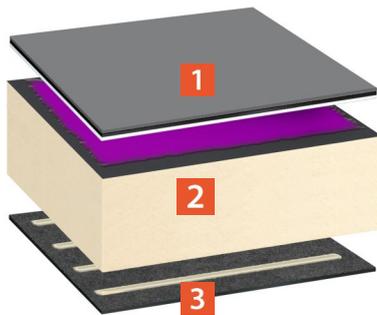


SYSTEM SUMMARY

THERMOPLAN FPO System

Single layer sheet warm roof covering system - Adhered FPO fleece-backed membrane with adhered flatboard FA PIR insulation.

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



Product	Description	thickness	weight
1 Bauder-THERMOPLAN T 15 V membrane	1.5mm FPO membrane with 2mm laminated fleece for adhered installations; pre-coated cross weave polyester reinforcement for high levels of tear resistance.	T 15 V 3.5mm	2.1kg/m ²
2 BauderPIR FA Flatboard Insulation	Fully compatible; thermally efficient, lightweight; zero ODP rated. The bonded insulation is foil-faced on both sides for increased thermal efficiency.	140mm (or as specification)	4.2kg/m ²
3 BauderTEC KSD FBS Air & Vapour Control Layer	Self-adhesive elastomeric bitumen membrane; mica finished upper surface for adhesive bonding of insulation.	2.5mm	2.5kg/m ²
System Build up		146mm	8.8kg/m²

SYSTEM OPTIONS

MEMBRANE COLOURS	
T 15 V Silver grey RAL 7001	
T 15 V Pearl white RAL 1013	

AIR & VAPOUR CONTROL LAYERS		
BAUDER MEMBRANE	SUITABILITY TO DECK TYPE	
BauderTEC KSD FBS (formerly known as KSD Mica)	Concrete Metal Plywood OSB	Please contact Bauder for any other deck types not listed and their suitability

INSULATIONS	BauderPIR FA Flatboard	BauderPIR FA G16 (Tapered)
THICKNESSES (mm)	Approx. 'U' VALUE (W/m ² 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 1000m²

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

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