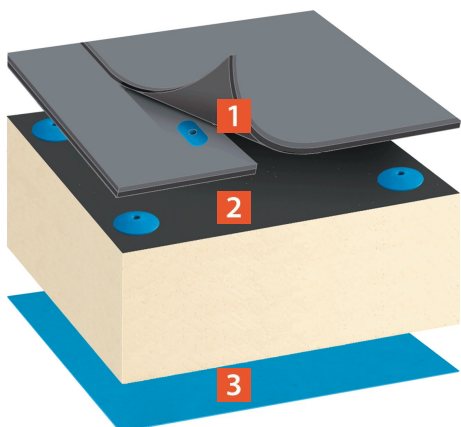


SYSTEM SUMMARY

THERMOFOL PVC System




Single layer sheet warm roof covering system - Mechanically fastened BauderPIR FA insulation board & BauderTHERMOFOL U PVC 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-THERMOFOL U12 FR, U15 FR, U18 FR & U20 FR membrane	Four membranes available with thicknesses of 1.2, 1.5, 1.8 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.	U 15 FR 1.5mm	1.92kg/m ²
2 BauderPIR FA Flatboard Insulation	Fully compatible; thermally efficient, lightweight; zero ODP rated. The insulation is foil-faced on both sides for increased thermal efficiency.	140mm (or as specification)	4.2kg/m ²
3 BauderSYN DB-PE 100 Air & Vapour Control Layer	Polyethylene air & vapour control layer installed loose laid with mechanically fastened single ply systems.	0.16mm	0.15kg/m ²
System Build up		141.66mm	6.27kg/m²

SYSTEM OPTIONS

MEMBRANE COLOURS	
U 12 FR/ U 15 FR U 18 FR/ U 20 FR Light grey RAL 7035	
U 15 FR & U 18 FR Blue grey RAL 7031	
U 15 FR & U 18 FR Anthracite RAL 7016	

AIR & VAPOUR CONTROL LAYERS		
BAUDER MEMBRANE	SUITABILITY TO DECK TYPE	
SYN DB-PE 100	Plywood	Please contact Bauder for any other deck types not listed and their suitability
	OSB	
	Metal	
	Concrete	

INSULATIONS THICKNESSES (mm)	BauderPIR FA Flatboard	BauderPIR FA G16 (Tapered)
	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

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