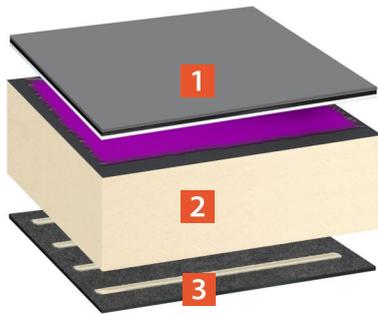


SYSTEM SUMMARY

THERMOFOL PVC System

Single layer sheet warm roof covering system - Adhered fleece-backed PVC membrane with bonded flat 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-THERMOFOL U15 V FR membrane	1.5mm PVC membrane with 2mm laminated fleece for adhered installations; pre-coated cross weave polyester reinforcement for high levels of tear resistance.	3.5mm	2.0kg/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	8.7kg/m²

SYSTEM OPTIONS

MEMBRANE COLOURS	
Light grey RAL 7035	
Blue grey RAL 7031	
Anthracite RAL 7016	

AIR & VAPOUR CONTROL LAYERS		
BAUDER MEMBRANE	SUITABILITY TO DECK TYPE	
BauderTEC KSD FBS (formerly known as KSD Mica)	Metal Plywood OSB Concrete	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 fall