

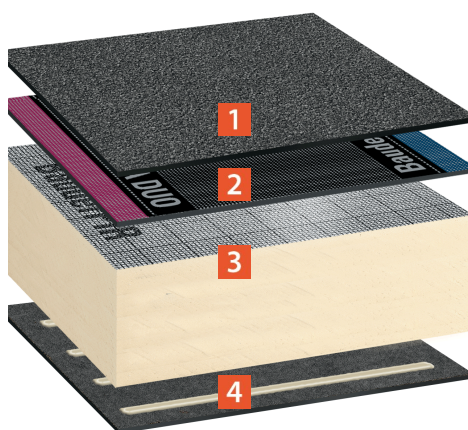
## SYSTEM SUMMARY

## Bauder Total Roof System

### Reinforced bitumen membrane warm roof covering system - self adhered with a torch-on capping sheet



Two layer, self adhered, warm roof, bitumen membrane waterproofing system suitable for both new build and refurbishment applications. Option of using a root-resistant cap sheet for green roofs. Can be used in cold and inverted roof scenarios. Use torch-free detailing for application in the vicinity of combustible construction materials. System achieves a fire rating of Broof(t4).



Product	Description	thickness	weight
1 KSK Capping Sheet	Torch bonded, heavy duty elastomeric bitumen capping sheet with a 250g/m <sup>2</sup> spunbond polyester reinforcement.	5.2mm	6.5Kg/m <sup>2</sup>
2 KSA Duo Underlayer	Self adhesive elastomeric bituminous membrane; glass lattice reinforcement; 'DUO' lap technology.	3.0mm	3.5Kg/m <sup>2</sup>
3 PIR FA-TE Flatboard Insulation	Thermally efficient, lightweight and zero ODP rated; Foil-faced on both sides for increased thermal efficiency. Alternatively, Bauder PIR FA Tapered can be used for improved drainage falls.	160mm	4.8Kg/m <sup>2</sup>
4 KSD Mica Air & Vapour Control Layer	Self-adhesive elastomeric bitumen vapour control layer; mica finished upper surface for easy bonding of insulation in Bauder insulation adhesive.	2.5mm	2.5Kg/m <sup>2</sup>
System Build-up		170.7mm	17.3Kg/m <sup>2</sup>

## SYSTEM OPTIONS

MEMBRANE COLOURS		AIR & VAPOUR CONTROL LAYERS		INSULATIONS	BauderPIR FA-TE Flatboard	BauderPIR FA Tapered
Charcoal grey 6.5Kg/m <sup>2</sup>		BAUDER MEMBRANE	SUITABILITY TO DECK TYPE		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.	
Natural slate 6.0Kg/m <sup>2</sup>		KSD Mica	Metal Plywood OSB Concrete	THICKNESSES (mm)		
Brown 6.0Kg/m <sup>2</sup>				120	0.17	0.17**
Plant-E Root resistant 6.0Kg/m <sup>2</sup>				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

### UNITED KINGDOM

Bauder Ltd  
70 Landseer Road, Ipswich, Suffolk IP3 0DH  
T: +44 (0)1473 257671 E: info@bauder.co.uk  
bauder.co.uk

### IRELAND

Bauder Ltd  
O'Duffy Centre, Carrickmacross, Co. Monaghan  
T: +353 (0)42 9692 333 E: info@bauder.ie  
bauder.ie