

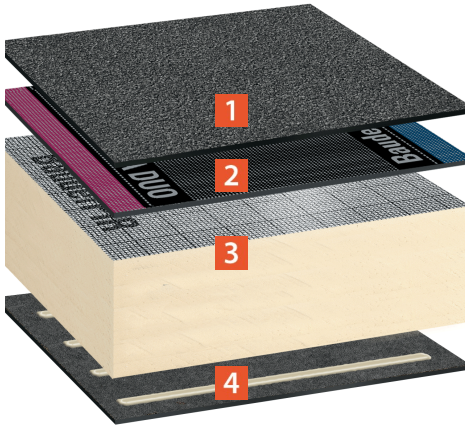
## SYSTEM SUMMARY

## 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 K5K 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>
<b>System Build-up</b>		<b>170.7mm</b>	<b>17.3Kg/m<sup>2</sup></b>

## 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	THICKNESSES (mm)	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	Please contact Bauder for any other deck types not listed and their suitability	120	0.17	0.17**
Brown 6.0Kg/m <sup>2</sup>								130*	0.16	0.16**
Plant-E Root resistant 6.0Kg/m <sup>2</sup>								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

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