

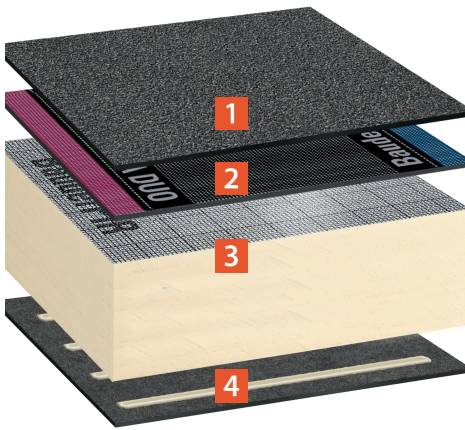
## SYSTEM SUMMARY

## Bauder Total Roof System PLUS

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



Two layer, utilising torch-applied & self adhered technologies, warm roof, bitumen membrane waterproofing system suitable for both new build and refurbishment applications. 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
<b>1</b> KARAT Capping Sheet	Torch bonded, heavy duty plastomeric & elastomeric bitumen capping sheet with a spunbond polyester/glass reinforcement.	5.2mm	6.0Kg/m <sup>2</sup>
<b>2</b> KSA DUO 35 Underlayer	Self adhesive elastomeric bituminous membrane; glass lattice reinforcement; 'DUO' lap technology.	3.5mm	4.0Kg/m <sup>2</sup>
<b>3</b> 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	4.8 Kg/m <sup>2</sup>
<b>4</b> 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>171.2mm</b>	<b>17.3Kg/m<sup>2</sup></b>

## SYSTEM OPTIONS

MEMBRANE COLOURS	
Charcoal grey 6.0Kg/m <sup>2</sup>	

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

INSULATIONS	BauderPIR	
	FA-TE Flatboard	FA Tapered
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.	
120	0.17	0.17**
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

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