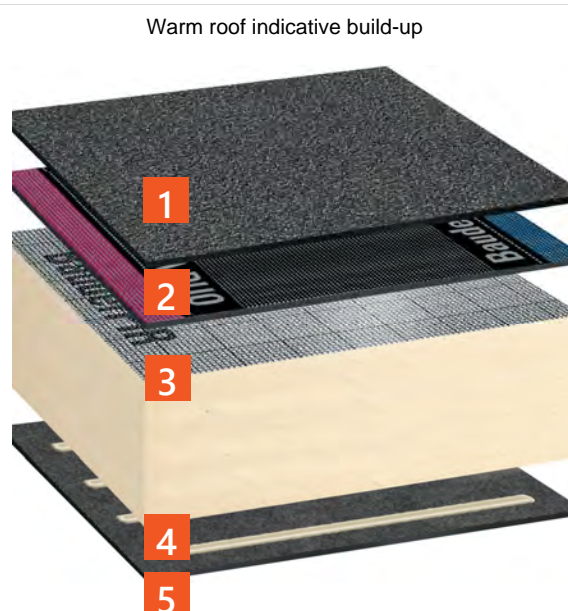


Reinforced bitumen membrane warm roof covering

Bauder System Airtech

Two layer, self-adhered, warm roof, bitumen membrane waterproofing system suitable for both new build and refurbishment applications. Can be used in warm and cold roof scenarios. Use torch-free detailing for application in the vicinity of combustible construction materials.

	Function	Product name	Thickness (mm)	Weight (kg/m ²)
1	Cap sheet	BauderTEC KSO-P SN (Charcoal Grey)	4	5.2
	Activator onto underlayer	Activator-Primer	nominal	nominal
2	Underlayer	BauderTEC KSA DUO	3	3.5
	Primer onto insulation facing	Activator-Primer	nominal	nominal
3	Insulation (0.15)	BauderPIR FA-TE	140	4.2
4	Insulation attachment method	Bauder PU Tin Adhesive	nominal	0.16
5	Air and vapour control layer (AVCL)	BauderTEC KSD FBS	2.5	2.5
	Primer	Varies depending upon substrate type – please refer to specification	nominal	nominal
System Build-up			149.5	15.56
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website bauder.co.uk/technical-centre				



Characteristics of the system

- Choice of insulants including tapered insulation for improved drainage falls to suit project requirements.
- SBS modified elastomeric bitumen cap sheet with 200g/m² polyester fleece reinforcement.
- System incorporates patented DUO membranes to minimise the use of flame.
- Safe2Torch guidance adhered to for design of details on or near combustible construction materials.
- Comprehensive guarantee packages to meet project requirements.

System summary

Accreditations and approvals





System variations are available to the specifier so that a tailored solution meets the needs of the building. The selection of products should be confirmed with our technical department to ensure suitability for the individual construction requirements of the flat roof.

E: technical@bauder.co.uk

OPTIONS AVAILABLE

In-depth and up-to-date product specific technical data is available for each component within a system. Download from our website bauder.co.uk/technical-centre

Membrane finish colours			
	KSO-P SN Charcoal grey	KSO SN Grey Slate	KSO ALP SN Brown

FA-TE Insulation thickness	Approx. 'U' VALUE (W/m ² K)	Weight (kg/m ²)	Alternative insulation to achieve 'U' VALUE 0.15 (W/m ² K)	Thickness (mm)	Weight (kg/m ²)
120mm	0.17/0.18	3.6	BauderPIR FA G16 Tapered	140 (average)	4.2 (average)
140mm	0.15	4.2			
180mm (120 + 60)	0.12	5.4			
190mm (160 + 30)	0.11	5.7			

Approx. 'U' VALUE (W/m²K) assuming concrete or timber deck and does not take into account any materials below the deck

System fire performance

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant fire test certificate. Bauder continually tests its systems for fire performance, so please ensure you are aware of which permutations currently have a stated performance against fire by consulting Bauder Limited. Please contact technical@bauder.co.uk for clarification.