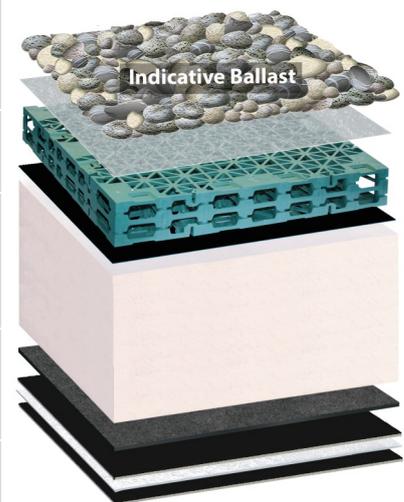


Bauder Bakor Hot Melt System

BauderBLUE STORMcell Ballast Blue Roof

Hot liquid applied waterproofing system for use in Inverted and Cold Roof situations. Suitable in both New Build and Refurbishment situations. Can be used on various substrates and is ideal as a waterproofing beneath paved, ballasted, green and brown & biosolar & blue roof situations.

	Function	Product	Thickness	Weight
1	Ballast	Installed to achieve a permanent minimum load to counter floatation	113mm	180.4kg/m ²
2	SV 125 100	Polypropylene filter fleece	1mm	0.13kg/m ²
3	RWR 100 attenuation cell	A high strength void element which is 95% void. This can hold 95 litres per m ²	100mm	8.06kg/m ²
4	BauderJFRI WFRL	Vapour permeable polypropylene spun bonded	0.45mm	0.1kg/m ²
5	BauderJFRI PREMIUM+ Insulation—Hard Landscape	High performance rigid expanded polystyrene insulation; lightweight, high compressive strength	185mm	5.55kg/m ²
6	Bauder K5E Protection Layer	Fully bonded into the uppermost layer of the 790-11	5mm	5.8kg/m ²
7	790-11 Hot Melt Waterproofing	Hot applied, rubberised bitumen with Polyester Reinforcement layer for a monolithic fully bonded system	6.2mm	6.5kg/m ²
Blue Roof Build-Up (excludes water held within the RWR 100 attenuation cell during rain events and underlying waterproofing)			410.65mm	206.54kg/m ²



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

- Monolithic waterproofing system—no laps
- 100% bond to deck surface
- Lasts the lifetime of the roof
- Safe2Torch compliant detailing on or near combustible construction materials.
- Prominent guarantee packages to meet project needs.

Accreditations and approvals



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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.

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T: 01473 257671

OPTIONS AVAILABLE

In-depth and up-to-date product specific technical data is available for each component within a system.
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Access/Protection Sheet alternatives	Thickness	Weight
BauderPLANT E 42	4.2mm	5.0kg/m ²
K4E Charcoal Grey	4.2mm	5.6kg/m ²
K4E Grey Slate	4.2mm	5.0kg/m ²
K4E Brown	4.2mm	5.0kg/m ²

Insulation to achieve 0.16 on a concrete deck	Thickness	Weight
BauderJFRI PREMIUM+	185mm	5.55kg/m ²
BauderJFRI (300)	195mm	7.80kg/m ²
BauderXPS (300)	220mm	6.60kg/m ²
BauderGLAS Inverted	240mm	24.0kg/m ²

System fire performance

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant Kiwa certificate. Please ensure you are aware of which permutations currently have a stated performance against fire by viewing and downloading the Kiwa certificate from our website bauder.co.uk/technical-centre

Bauder continually tests its systems for fire performance and so if the permutation of products you are specifying is not stated in our latest Kiwa certificate, please contact technical@bauder.co.uk for clarification.