

Bauder Bakor Hot Melt System

Inverted Extensive inc. BauderGLAS Inverted Insulation

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 roof situations.

	Function	Product	Thickness	Weight
1	Extensive Green Vegetation	Installed to achieve a permanent minimum load of	Project specific	Project Specific
2	BauderGREEN SUB-EM UK extensive substrate	A lightweight, low nutrient growing material tested to BS8616 and manufactured to meet both GRO and FLL guidelines	80-100mm	96—120kg/m ²
3	BauderGREEN FV 125 100	Polypropylene filter fleece	1mm	0.13kg/m ²
4	BauderGREEN DSE40 Drainage Layer	Lightweight water storage layer made of 100% recycled HDPE	40mm	15.3kg/m ² (water filled)
5	BauderJFRI WFRL	Vapour permeable polypropylene spun bonded membrane	0.45mm	0.1kg/m ²
6	BauderGLAS Inverted Insulation	High performance rigid cellular glass insulation with pre-applied inorganic coating	160mm	16kg/m ²
7	BauderGLAS T3+	High performance rigid cellular	80mm	8kg/m ²
8	BauderPLANT E 42	Fully bonded into the uppermost layer of the 790-11	4.2mm	5.0kg/m ²
9	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
			371.85 to 391.85mm	147.03 to 171.03kg/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.

E: technical@bauder.co.uk

T: 01473 257671

OPTIONS AVAILABLE

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Access/Protection Sheet alternatives	Thickness	Weight
BauderPLANT E	5.2mm	6.0kg/m ²

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

System fire performance

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA (pending for BauderGLAS Inverted) certificate. Please ensure you are aware of which permutations currently have a stated performance against fire by viewing and downloading the BBA 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 BBA certificate, please contact technical@bauder.co.uk for clarification.