

Bauder Bakor Hot Melt System

Inverted Extensive inc. BauderVIP INV Insulation

Hot liquid applied waterproofing system for use in Inverted, Cold and Un-Insulated 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, blue and brown & biosolar roof situations.

	Function	Product Name	Thickness (mm)	Weight (kg/m ²)
1	Vegetation	Extensive Green Vegetation	Project specific	Project Specific
2	Extensive Substrate	BauderGREEN SUB-EM UK	80-100	96—120
3	Filter Fleece	BauderGREEN FV 125 100	1	0.13
4	Drainage Layer	BauderGREEN DSE40	40	15.3 (water filled)
5	Water Flow Reduction Layer	BauderXPS WFRL	0.45	0.1
6	Inverted Insulation (Top Layer)	BauderXPS (300)	40	1.2
7	Inverted Insulation (Base Layer)	BauderVIP INV	30	6.5
8	Inverted Insulation (Base Layer)	BauderVIP INV	30	6.5
9	Root Barrier/Protection Layer	BauderPLANT E 42	4.2	5.0
10	Waterproofing	790-11 Hot Melt Waterproofing System	6.2	6.5
			231.85 to 251.85	137.23 to 161.23



Build-up to achieve 0.16 on a concrete deck

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+	180mm	5.40kg/m ²
BauderJFRI PREMIUM(300)	195mm	7.80kg/m ²
BauderXPS (300)	210mm	6.30kg/m ²

System fire performance

Approved Document B references 'Fire Performance of Green Roofs and Walls' published by the former (DCLG) in 2013 and this document is the basis of the Green Roof Organisation (GRO) "Fire Risk Guidance Document". Growing medium should be a minimum 80 mm thick, certified for green roofs and, where there is no permanent irrigation, organic content should be less than 50% and peat-free (Bauder Growing Medium organic content is less than 20% and peat-free).

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA (pending for BauderVIP INV 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.