

## Bauder Bakor Hot Melt System

### Inverted Biodiverse inc. JFRIPREMIUM+ 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 & blue roof situations.

	Function	Product	Thickness	Weight
1	Vegetation	Typically our range of native seed and plug mixes are used in combination with other habitat features	Varies with season	Varies with season
2	BauderGREEN SUB-BM UK biodiverse substrate	Substrate is a lightweight growing medium tested to BS 8616, designed to meet GRO and FLL guidelines	Varies typically 100 - 150mm	120-180kg/m <sup>2</sup>
3	BauderGREEN FV 125 100	Polypropylene filter fleece	1mm	0.13kg/m <sup>2</sup>
4	BauderGREEN DSE 40 Drainage Layer	Light weight water storage layer made of 100% recycled HDPE.	40mm	15.3kg/m <sup>2</sup> (water filled)
5	BauderJFRI WFRL	Vapour permeable polypropylene spun bonded membrane	0.45mm	0.1kg/m <sup>2</sup>
6	BauderJFRI PREMIUM+ Insulation—Soft Landscape	High performance rigid expanded polystyrene insulation; lightweight, high compressive strength	195mm	5.85kg/m <sup>2</sup>
7	BauderPLANT E 42	Fully bonded into the uppermost layer of the 790-11	4.2mm	5.0kg/m <sup>2</sup>
8	790-11 Hot Melt Waterproofing	Hot applied, rubberised bitumen with Polyester Reinforcement layer for a monolithic fully bonded system.	6.2mm	6.5kg/m <sup>2</sup>
			346.85 to 396.85mm	152.88 to 212.88kg/m <sup>2</sup>



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](http://bauder.co.uk/technical-centre)

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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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#### OPTIONS AVAILABLE

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#### 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



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

Insulation to achieve 0.16 on a concrete deck	Thickness	Weight
BauderJFRI PREMIUM+	195mm	5.85kg/m <sup>2</sup>
BauderJFRI (300)	205mm	8.20kg/m <sup>2</sup>
BauderXPS (300)	220mm	6.60kg/m <sup>2</sup>
BauderGLAS Inverted	240mm	24.0kg/m <sup>2</sup>

#### 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](http://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](mailto:technical@bauder.co.uk) for clarification.