

System summary



BauderBIODIVERSE pitched wildflower blanket

WB native wildflower system for pitched roofs

Designed for pitched roofs from 5° to 25°. The square section cells and edge profiles of the WSP drainage board helps the system lock into place on the slope of the roof and means the boards holds more water than other drainage boards. The WB native wildflower blanket will root quickly to stabilise the substrate. The pre-grown blanket has up to 40 varieties of British native species, designed to give a long flowering season. The system is fully GRO and FLL compliant. This system is suitable for both new build construction and retrofit.

	Function	Product name	Thickness (mm)	Weight (kg/m ²)	Indicative extensive wildflower system for pitched roofs
1	Wildflower vegetation*	BauderGREEN WB native wildflower blanket	30	30	
2	Growing medium	BauderGREEN SUB-BM UK biodiverse substrate	100	120	
3	Stabilisation	Wooden trellis (non Bauder product)	20 integral	0.6	
4	Drainage Layer	WPS 50 reservoir board WPS 75 reservoir board	50 75	11 22.5	
5	Protection Layer	FSM 600 protection mat	4	3.6	
6	Underlying Waterproofing	Bauder's underlying waterproofing system	Not included	Not included	
System build-up (saturated)			184	165	
			209	178	
*Bauder supply various green roof systems to meet required biodiverse targets and other green roof requirements					
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					
Please note: All green roofs require water during times of drought. Pitched roofs are particularly vulnerable. Bauder recommend that an irrigation system is installed with this system and the maintenance of this roof is considered and addressed during its design.					

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Characteristics of the system

- Ideally suited to native green roofs which are clearly visible and need a high aesthetic or where the quick establishment of vegetation is important.
- Includes 40 of native wildflowers and herbs with less than 10% grass species. RHS Certified perfect for pollinators.
- 100% biodegradable blanket offers the most effective way to establish a biodiverse roof.
- The SUB-BM biodiverse substrate is a lightweight growing medium for biodiverse green roof planting schemes manufactured to GRO and FLL guidelines and tested to BS8616 (Ideally substrate depths should be 100mm+ to give greater drought resistance).
- WSP 50 or WPS 75 gives a choice of depths and up to 22.5 l/m² of water storage.
- FSM 600 is 100% recycled Polyester and polypropylene fibre mix protection layer to prevent mechanical damage to the underlying waterproofing.
- System can be laid on any of the various Bauder waterproofing solutions: Bituminous Membrane, Hot Melt, Single-ply or Cold applied liquid systems.
- Comprehensive guarantee packages to meet project requirements. Bauder's "Green Roof Promise" is available for this system.

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

T: 01473 257671

OPTIONS AVAILABLE

Bauder supply a number of green roof solutions for pitched roofs. Including sedum, wildflower and biodiverse vegetation. Further details can be found on our website: <https://www.bauder.co.uk/technical-centre/specification-resources/green-roof-systems>

In depth and up-to-date product specific technical data is available for each component within a system. Download from: [bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

System fire performance

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA 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](https://www.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.