

# System summary

## BauderBIODIVERSE wildflower blanket

### WB native wildflower system

The pre-grown native wildflower blanket (BauderGREEN WB), allows the quick establishment of a green roof. The blanket typically has 40 varieties of British native wildflowers with less than 10% grass species. Collected in line with the Flora Locale Code it is designed to give a long flowering season (RHS perfect for pollinators and Buglife approved). The system is fully GRO and FLL compliant. A comprehensive range of guarantees are available for this system.

	Function	Product name	Thickness (mm)	Weight (kg/m <sup>2</sup> )	Indicative extensive green roof system - wildflower
1	Wildflower vegetation*	BauderGREEN WB native wildflower blanket	30	30	
2	Growing medium	BauderGREEN SUB-BM UK biodiverse substrate	100	120	
3	Filtration layer	FV 125 filter fleece	1	0.13	
4	Drainage Layer	DSE 40 drainage board	40	15.3	
5	Protection Layer	FSM 600 protection mat	4	3.6	
6	Underlying Waterproofing	Bauder's underlying waterproofing system	Not included	Not included	
<b>System build-up (saturated)</b>			<b>175</b>	<b>169</b>	
*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 <a href="http://bauder.co.uk/technical-centre">bauder.co.uk/technical-centre</a>					
<b>Please note:</b> All green roofs require water during times of drought. Bauder recommend that the watering and maintenance of this roof is considered and addressed during its design.					



### 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, Buglife approved.

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- 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).
- DSE 40 is a lightweight water storage and drainage layer made of 100% recycled HDPE.
- 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.

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## OPTIONS AVAILABLE

Bauder supply a number of green roof solutions for flat and 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](mailto:technical@bauder.co.uk) for clarification.