TECHNICAL SYSTEM SUMMARY

WILDFLOWER BLANKET SYSTEM

EXTENSIVE GREEN ROOF SOLUTION

This lightweight biodiverse green roof vegetation blanket provides instant greening of a roof with a mixture of 24 species of wildflowers. A comprehensive range of guarantees are available for this system.

Wildflower Blanket XF118 includes 24 species of wildflower and herbs incorporated into the blanket. Selected species can be chosen to suit the project and location.
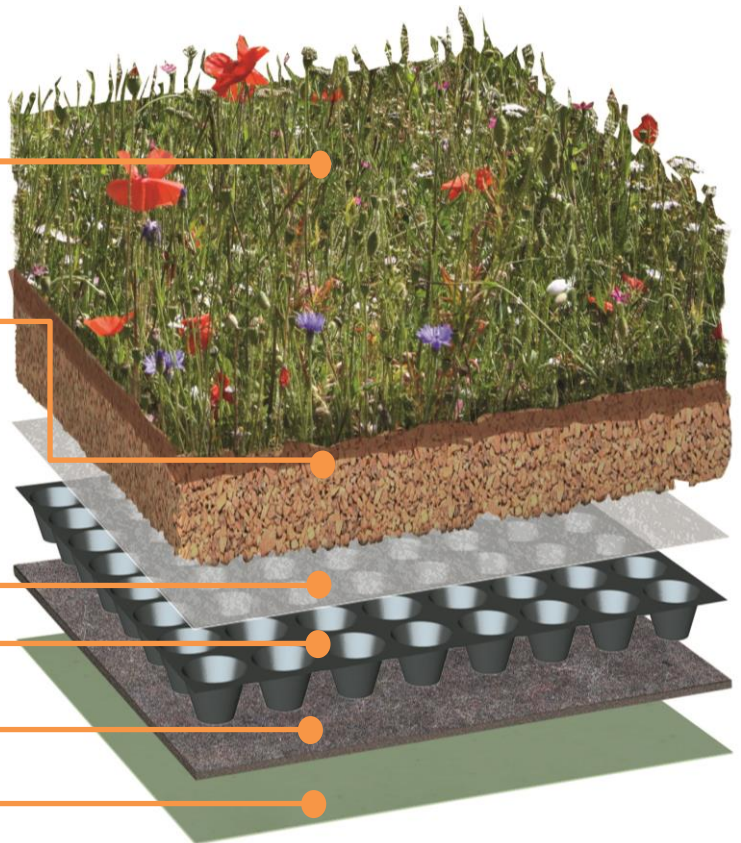
Bauder Biodiverse Substrate is a lightweight growing material that is manufactured to meet FLL guidelines.

Bauder Filter Fleece is a filtration layer that prevents substrate fines from washing into the drainage and water storage layer.

DSE 20 is a lightweight 20mm thick multi-functional water storage and drainage layer

Bauder FSM600 Protection Mat is a polyester and polypropylene fibre mix protection layer.

Bauder PE Foil Separation Layer is a polyethylene foil separation and slip layer manufactured from recycled granules.
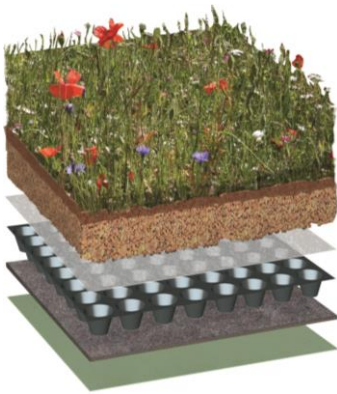

When to Specify

The blanket meets the growing demand for native species vegetation to satisfy the requirements of both BREEAM and Sustainable Homes codes. The vegetation will also be present on most of the biodiversity action plan lists that project specific ecology reports now demand.

Waterproofing Options

There are different waterproofing systems available to suit the individual project criteria for the green roof, its landscaping options, weight loading limits, performance and durability requirements. Please contact us so that a technical advisor can take you through the system best suited to your project.

Weight Loading
Based on 80mm substrate depth and 0-5° pitch

Product	Thickness (mm)	Saturated Weight (Kg/m²)
Wildflower Blanket XF118	25.0	42.0
Bauder Biodiverse Substrate	80.0	120.0
Bauder Filter Fleece	1.0	0.125
DSE20 Drainage Layer	20.0	8.6*
Bauder FSM600 Protection Mat	4.0	0.6
Bauder PE Foil Separation Layer	0.2	0.190
Totals	**130.20**	**171.515**

* Saturated weight when filled with water only