

TECHNICAL SYSTEM SUMMARY

INTENSIVE GREEN ROOF SYSTEM

TURFED GREEN ROOF SOLUTION

This turfed soft landscaping green roof solution is suitable for public access and can be used to effectively merge roof areas with actual parkland and turf. A comprehensive range of guarantees are available for this system.

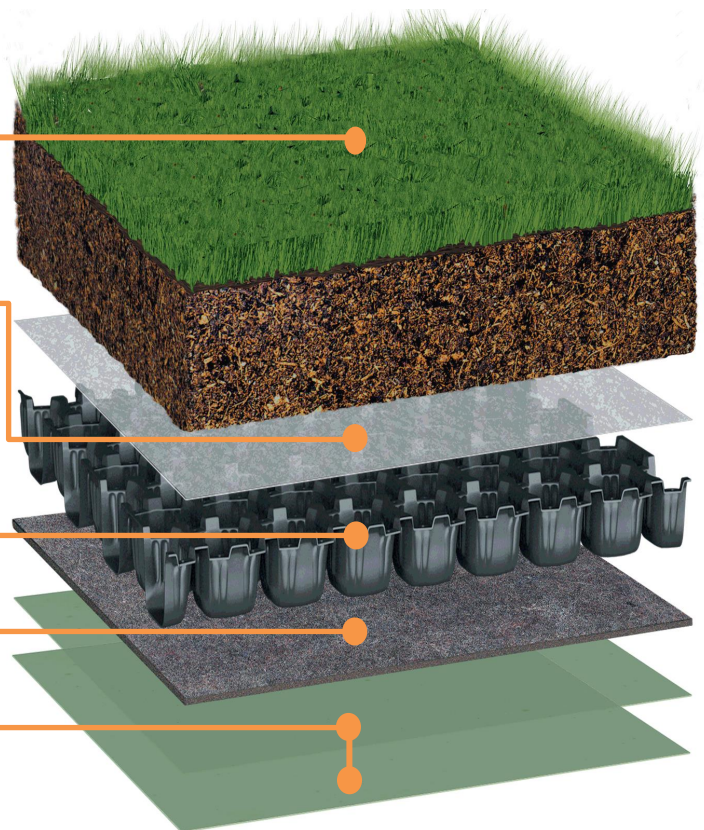
Bauder Intensive Substrate is a lightweight growing medium manufactured to meet FLL guidelines.

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

DSE 40 is a lightweight water storage and drainage layer made of HDPE, 40mm thick.

Bauder FSM600 Protection Mat is a polyester and polyethylene fibre mix.

Bauder PE Foil (two layers) is a polyethylene foil separation and slip layer manufactured from recycled granules.



When to Specify

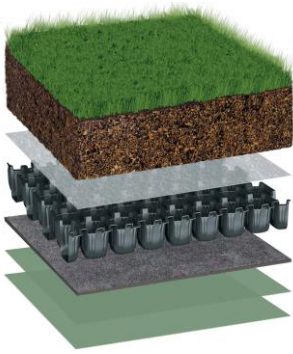
Accessible green roofs and gardens are used for recreational and leisure purposes. The landscape variations are practically limitless for design and use, as it is feasible to create an environment at roof level similar to that of any designed garden or parkland.

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 200mm substrate depth and 0-5° pitch



Product	Thickness (mm)	Saturated Weight (Kg/m ²)
Bauder Intensive Substrate	200.0 (varies)	250.0
Bauder Filter Fleece	1.0	0.125
DSE40 Drainage Layer	40.0	15.3
Bauder FSM600 Protection Mat	4.0	0.6
Bauder PE Foil Separation Layer	0.4	0.38
Totals	245.40	266.405