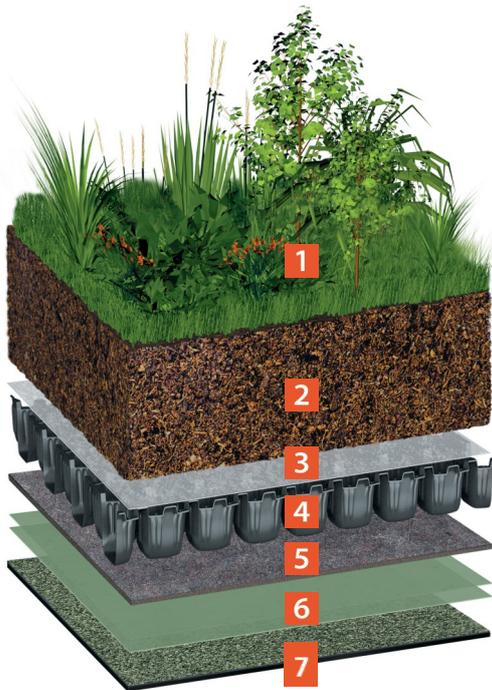


SYSTEM SUMMARY

Bauder Intensive Landscaping and Substrate System

Intensive green roof system

Intensive, green roof system with Bauder's lightweight intensive substrate for both new build construction and retrofit refurbishment applications. The landscape variations are practically limitless for this accessible green roof with options to create a mixture of both hard and soft landscaping. The system enables lawns, shrubs and trees as well as walkways, paving and terraced areas.



Product	Description	thickness	weight
1 Intensive Planting	Specifically selected for each individual roof, from fine lawns to woody shrubs and trees.	Thickness and weight will vary with chosen planting	
2 Bauder Intensive Substrate	Light-weight, man-made intensive substrate suitable to support most vegetation types, including trees, shrubs and herbaceous planting.	200mm+	250Kg/m ² +
3 Bauder Filter Fleece	Filtration layer that prevents substrate fines from washing into the drainage and water storage layer.	1mm	0.13Kg/m ²
4 Bauder DSE 40	DSE 40 is a light weight water storage and drainage layer made of 100% recycled HDPE, 40mm thick.	40mm	15.3Kg/m ² (water filled)
5 Bauder FSM1100 Protection Layer	Polyester and polypropylene fibre mix protection layer to prevent mechanical damage to the underlying waterproofing.	8mm	7.1Kg/m ²
6 Bauder PE Foil x 2 Separation Layer	Polyethylene foil separation and slip layer manufactured from recycled granules.	0.4mm	0.38Kg/m ²
7 Bauder's Underlying Waterproofing system	Robust waterproofing is required for this build-up, typically Bituminous Membrane or Hot Melt systems.	Not Included	Not Included
Green Roof Build up (fully saturated, excludes the waterproofing & vegetation)		249mm	272Kg/m²

Please note: 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.

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