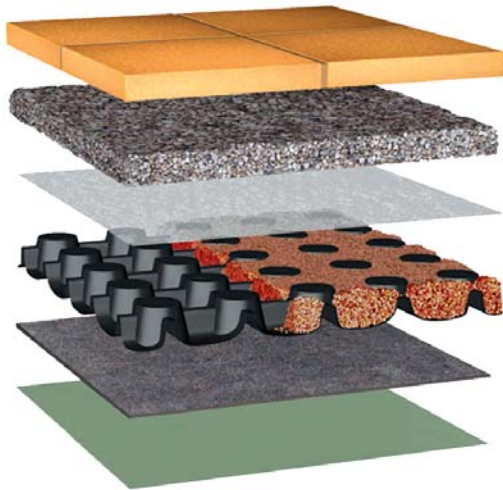


BAUDER INTENSIVE GREEN ROOF SYSTEM

HARD LANDSCAPING – ROOF GARDEN

Intensive green roofs are best described as recreational garden environments, similar to those commonly found at ground level. Typically, they feature landscapes combining shrubs and coppices with grassed areas, trees and integrated pathways. These may be laid out either on the same level, at different heights or in individual planters spread over the roof area. Like any garden maintenance is of high priority in a roof garden and should be considered during the design stages as important as the layout and functionality of the space itself.



Concrete Paving Slabs (open joints with spacers) provide a functional finish to the roof area.

Crushed Gavel is 3-5mm grade used at 30-50mm in depth.

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

Bauder PLT 60 (filled with Bauder Mineral Drain) creates an un-interrupted system for free drainage across the whole roof area. The **Bauder Mineral Drain** provides additional support and drainage

Bauder FSM1100 Protection Mat is a polyester and polypropylene fiber mix.

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

Bauder was the first company to introduce modern intensive green roof technology into the UK and Ireland, as early as 1982. Since we have supplied and installed numerous intensive green roofs from simple laid-to-lawn landscaping, to complex landscapes which include play areas, tree pits, roadways, flower beds and hedges. There is little to restrict the scope of the design for an intensive installation, the primary restriction will be the overall weight of the system which is dictated by the construction of the supporting structure.

When to Specify

A Bauder Intensive Green Roof is ideal for constructing a fully functioning outdoor space for a variety of purposes. The design is only limited by the weight loadings and budget, offering the client the opportunity to utilise the space usually lost during construction. The spaces created will require the same level of maintenance as a standard garden and will need to be watered, fertilised and maintained in the normal ways.