



(/)

[Green roofs \(/green-roofs\)](/green-roofs) / [Extensive and non accessible green roofs \(/green-roofs/extensive-green-roofs\)](/green-roofs/extensive-green-roofs) / [Biodiverse or brown roofs](/green-roofs/biodiverse-or-brown-roofs)

[Extensive and non accessible green roofs \(/green-roofs/extensive-green-roofs\)](/green-roofs/extensive-green-roofs)

[Biodiverse or brown roofs \(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs\)](/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs)

[Bespoke biodiverse green roofs \(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/bespoke-biodiverse-green-roofs\)](/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/bespoke-biodiverse-green-roofs)

[WB wildflower blanket \(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/wildflower-blanket\)](/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/wildflower-blanket)

[Seeded extensive roofs \(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/seeded-extensive-roofs\)](/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/seeded-extensive-roofs)

[Lightweight sedum low maintenance solution \(/green-roofs/extensive-green-](/green-roofs/extensive-green-roofs/lightweight-sedum-low-maintenance-solution)

Biodiverse or Brown Roofs

Construction techniques for biodiverse (previously known as Brown Roofs) follow the same principles as other green roof system (protection layer, drainage layer, a filter fleece and growing medium). However the surface finishes are very different, vegetation is normally established with British native plugs and seeds, over a range of different depth of substrate, typically 80-150mm.

The aim of a biodiverse roof is to replicate as far as is practical the ecological requirements for the local area. The natural habitats created are designed to support a variety of plants, birds, animals and invertebrates. The careful design and construction of these habitats is key to conforming to the local Biodiversity Action Plan (BAP).

Bauder biodiverse roofs are the only roofs to be approved by Buglife (the invertebrate Charity). With additional aggregate (stone and sand) organic matter (dead wood, site harvested topsoil and dew ponds) designed to form a matrix of different habitats ideally suited to insect life.

[SYSTEM SUMMARIES \(/TECHNICAL-CENTRE/SYSTEM-SUMMARIES/GREEN-ROOF-SYSTEMS\)](/technical-centre/system-summaries/green-roof-systems)

[NBS AND BIM SPECIFICATIONS \(/TECHNICAL-CENTRE/SPECIFICATION-NBS-AND-BIM-OBJECTS\)](/technical-centre/specification-nbs-and-bim-objects)

[CAD DOWNLOADS \(/TECHNICAL-CENTRE/CAD-DETAIL-DRAWINGS\)](/technical-centre/cad-detail-drawings)

(/cor
a-
mee
+
(/tec
cent

[roofs/lightweight-sedum-low-maintenance-solution](#)

[Pitched green roofs \(/green-roofs/extensive-green-roofs/pitched-green-roofs\)](#)

Native plug plants

Gives specifiers the ability to individually select the exact British Native species required for the scheme, often combined with Bauder seed mixes.

[\(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/ bespoke-biodiverse-green-roofs\)](#)

WB wildflower blanket

Vegetation mat which includes a balanced plant community of wildflower species chosen to give a long flowering season.

[\(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/wildflower-blanket\)](#)

Seeded extensive roofs

Bauder has developed 5 different mixes designed to work on green roofs to enhance biodiversity which gives a simple, low cost way to establish a biodiverse wildflower roof. Often combined with Native plug plants.

[\(/green-roofs/extensive-green-roofs/biodiverse-or-brown-roofs/seeded-extensive-roofs\)](#)

Flora seed mixes

Compare the various Bauder Flora Seed mixes.

[\(/technical-centre/downloads/product-guides/flora-seed-mix.pdf\)](#)

Why choose a Bauder biodiverse or brown roof?

Living and biodiverse roofs play an extremely important role in the modern urban environment, effectively creating habitat stepping stones that enable pollinators and other invertebrates to traverse an otherwise barren and hostile urban landscape. Many such living roofs can form key planks in the national B-Lines network or create the right habitat for a rare species in an Important Invertebrate Area.

The GRO code



The GRO code is intended to be recognised as a code of best practice and as such it should be used to guide behaviour relating to green roof design, specification, installation and maintenance. Bauder endeavour to work in conjunction with the GRO Code of Best Practice for the UK.

What is the Bauder green roof promise?

To give Bauder's clients peace of mind over the long term establishment and health of their green roof, Bauder offer a Green Roof Promise which will match the duration of the underlying waterproof guarantee (see the Bauder Green Roof Promise Document).

Installation and maintenance

The quality and experience of the installing operative is paramount to ensuring a successful project. Bauder Approved Contractors are the only people fully trained and certified to install our products. They provide the necessary experience that our guarantees demand.

[Go to approved contractor information ► \(/about-us/working-with-us/approved-contractors\)](/about-us/working-with-us/approved-contractors)

[Go to maintenance advice ► \(/technical-centre/maintenance-advice\)](/technical-centre/maintenance-advice)

[Accreditations and associations \(/technical-centre/certifications\)](/technical-centre/certifications)

Take a look at our accreditations and associations including certifications, trade associations and our declaration of performance documents.

[View certifications here ► \(/technical-centre/certifications\)](/technical-centre/certifications)

Proving our standards



Contact us today about your project

Each project is unique in its requirements, but we have [case studies \(/case-studies?system=all-green-roof\)](/case-studies?system=all-green-roof) and examples of our work available for you to look at. If you are looking for a green roof system, then [get in touch \(/contact\)](/contact) with our team to discuss your project's individual needs.

[DISCUSS YOUR FLAT ROOF PROJECT \(/CONTACT\)](/contact)

[Refurbishment turnkey service \(/roof-systems/refurbishment-projects/bauder-service\)](/roof-systems/refurbishment-projects/bauder-service)

[New build flat roof projects \(/roof-systems/new-build-projects\)](/roof-systems/new-build-projects)

[Careers at Bauder \(/about-us/careers\)](/about-us/careers)

[Corporate responsibility \(/about-us/who-we-are/corporate-responsibility\)](/about-us/who-we-are/corporate-responsibility)

[Privacy policy \(/contact/privacy-statement-cookies-and-disclaimer\)](/contact/privacy-statement-cookies-and-disclaimer)

[Roof systems \(/roof-systems\)](/roof-systems)

[Green roofs \(/green-roofs\)](/green-roofs)

[Solar PV \(/solar-pv\)](/solar-pv)

[Insulation \(/roof-systems/insulating-flat-roofs\)](/roof-systems/insulating-flat-roofs)

[Sustainability \(/about-us/sustainability\)](/about-us/sustainability)

[BIM objects and NBS Specifications \(/../technical-centre/specification-nbs-and-bim-objects\)](/technical-centre/specification-nbs-and-bim-objects)

[Brochures \(/../technical-centre/technical-literature\)](/technical-centre/technical-literature)

[Video gallery \(/about-us/media-centre/video-gallery\)](/about-us/media-centre/video-gallery)

[CPD seminars \(/technical-centre/technical-cpd-seminars\)](/technical-centre/technical-cpd-seminars)

[Press and in the news \(/about-us/media-centre/press-releases\)](/about-us/media-centre/press-releases)

Get Social

[\(/https://www.youtube.com/user/BauderLtd\)](https://www.youtube.com/user/BauderLtd)

[\(/https://twitter.com/BauderLtd\)](https://twitter.com/BauderLtd)

[\(/https://www.google.co.uk/maps/place/Bauder+Flat+R](https://www.google.co.uk/maps/place/Bauder+Flat+R)

[\(/https://www.linkedin.com/company/bauderltd/\)](https://www.linkedin.com/company/bauderltd/)

[\(/https://www.bauder.co.uk/about-us/media-centre/press-releases\)](https://www.bauder.co.uk/about-us/media-centre/press-releases)

Bauder Ltd, 70 Landseer Road, Ipswich, IP3 0DH T: + 44 (0)1473 257671

Bauder Ltd, O'Duffy Centre, Cross Lane, Carrickmacross, Co Monaghan T: +353 (0)42 9692 333