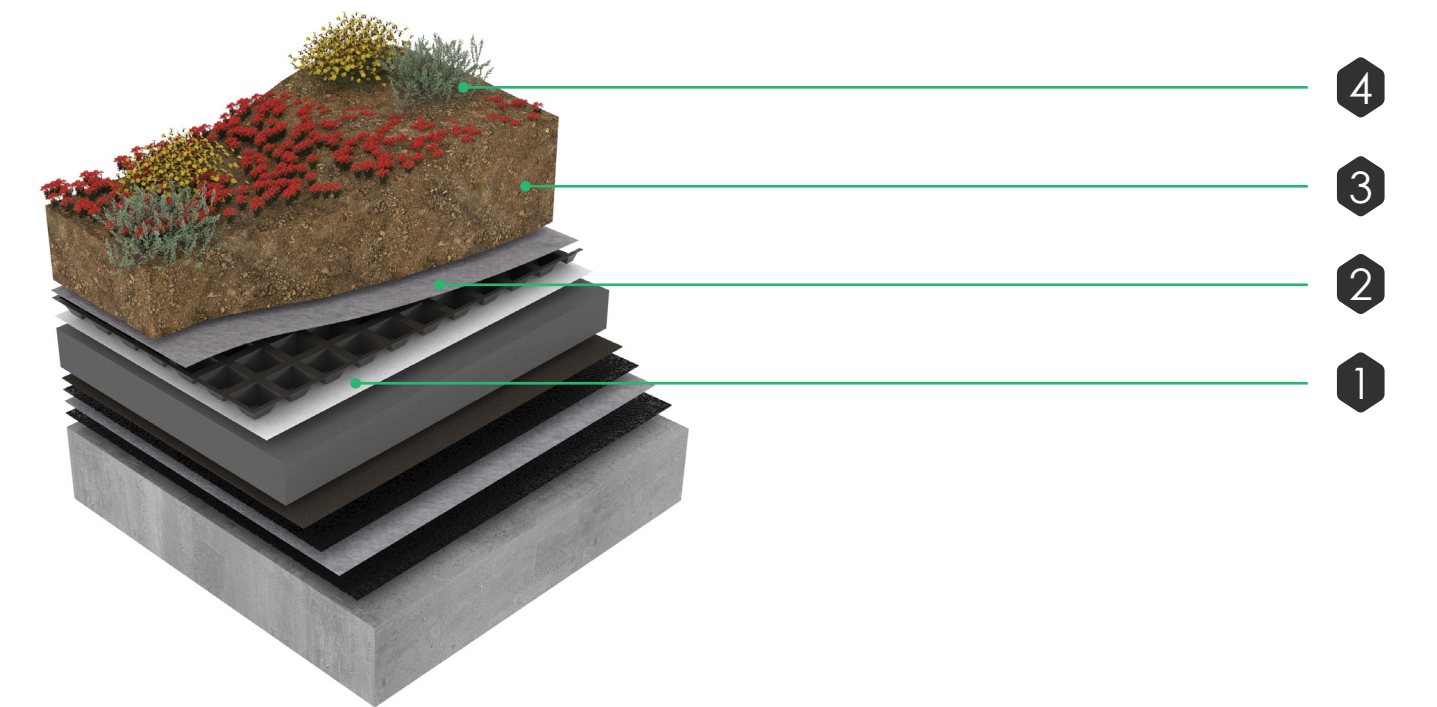


BIODIVERSE WILDFLOWER SEED INVERTED GREEN ROOF

Blackdown Biodiverse green roofs provide a living roof system intentionally designed to support a wide variety of plants, animals, and microorganisms. Biodiverse green roofs prioritise enhancing urban ecosystems and providing habitat for local wildlife.



	System Options
4	Biodiverse Vegetation Layer Generally involves customised planting mixes and / or growing medium
3	Blackdown Biodiverse Substrate* - 80-150mm depth (+20% settlement)
2	Blackdown 40mm 2 in 1 Drainage Layer Incorporating drainage board & filter sheet
1	Blackdown Root Barrier If not incorporated in the waterproofing membrane

*For compliance with Urban Greening Factor (UGF) requirements, the substrate must have a minimum depth of 150mm.

Key Benefits

- Saturated weight factor = 173kg/m²
- Contributes positively to BREEAM assessments and BNG points
- Blackdown's green roofs comply with the UK's GRO Green Roof Code of Best Practice 2011 and the German Landscaping and Landscape Development Research Facility (FLL) Guidelines
- Complies with GRO recommendations and BROOF (t4) requirements
- Biodiversity aids habitat introduction and conservation
- Reduction of heat island and solar gain in urban areas
- Improves the building's energy efficiency in summer and winter
- Biological carbon sequestration
- Recreational areas for mental health and wellbeing
- Attenuation of stormwater slows rainwater runoff
- Sound management