

Green Roof Types Weight Comparison Table

	Extensive (Built Up)	Biodiverse	Intensive
			
Suitable for	Small to large projects (available as complete roof in single pallets to complete roof in single lorry loads / cost effective)	Projects with specific biodiverse objectives	Roof Gardens, Recreational Applications
Specification Drivers:	An ecological protection layer for: <ul style="list-style-type: none"> • Air & Water quality • Lower carbon emissions • Storm water attenuation • Wildlife habitat • Extended membrane life 	Diverse plant strategies can: <ul style="list-style-type: none"> • Replicate or enhance the building's pre-development habitat • Attract specific wildlife 	A roof affording benefits of a small urban park or domestic garden, offering recreational and amenity benefits
Planting:	Colourful carpet of planting: <ul style="list-style-type: none"> • Hardy Succulents • Hardy Succulents & Herbs • Hardy Succulents & Grasses & Herbs Pre-grown mat, plug planted or seed system available	Options for non-vegetated brown roofs or planted with native species such as: <ul style="list-style-type: none"> • Hardy Succulents • Grasses • Herbs • Wildflowers 	Planting includes: <ul style="list-style-type: none"> • Lawn & bushes • Shrubs & small trees • Can combine with hard landscapes & water features
Build-up Height:	80 – 120mm	75 – 200mm	250 – 1500mm
Weight:	96 – 190 kg/m²	90 – 232 kg/m²	285 kg/m² +
Maintenance:	Minimal	Minimal	Regular
Irrigation:	No, unless specified	No	Regular