

GREEN ROOFS

Urban Tree Planting & Tree Irrigation

An aesthetic, environmental and sustainable addition to buildings, terraces and recreational areas.

Green roofs are generally broken down into two forms, intensive and extensive. Intensive green roofs are typically recognised in landscaped areas that can also incorporate public spaces such as terraces and recreational areas. Extensive green roofs are generally buildings that do not require roof access and incorporate expanses of vegetation such as sedum, mosses and wildflowers.

Green roofs are one of the most efficient methods of urban greening amongst commercial developments within towns and cities and even more the adventurous amongst us are converting our outbuildings and garages to green roofs.

Green roofs have such a positive impact on sustainability, biodiversity and storm water attenuation. They provide habitats for birds and insects while providing a form of SuDS (Sustainable Urban Drainage System) in built-up areas.

Installation

- RootBarrier® - provides permanent protection of the roofs waterproof covering. Prevents plant roots' growing through the waterproofing layer and damaging the roof structure.
- Drainage Board - forms a lightweight, high performance drainage layer with an integrated filter geotextile. Drainage boards incorporate a filter geotextile to prevent clogging.
- Extensive Roof Garden Substrate - ideal for low maintenance applications. Lightweight in texture and manufactured from the award-winning Green-tree topsoil. This substrate has a balanced nutrient content, ensuring quick plant establishment in harsh rooftop environments.
- Intensive Roof Garden Substrate - a blend of lightweight aggregate and the award-winning Green-tree topsoil. This substrate is ideal for containerised planting, it is lightweight in texture with good water holding properties - guaranteeing healthy plants and trees in a roof garden environment.
- Vegetation - Extensive roofs require low growing plants that will improve storm water retention, such as sedum. Sedum is hardy, tolerant of most extreme weather conditions and low maintenance. Intensive roofs can incorporate wildflowers, shrubs, habitats to managed landscape gardens including lawns, terraces and a range of planting - please consult with a landscape architect or arborist.

