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ARCHITECTS

1906_47 Shirlock Road, NW3 2HR – rev00

Living Roof Scheme of Maintenance & Planting Species and Density

Living Roof – Maintenance Scheme

Overview

This scheme applies to the small-scale green roof proposed for the development at 47 Shirlock Road, as indicated on the approved roof plan. The roof will be finished with a pre-grown sedum mat installed over a drainage layer, filter fleece, and waterproofing system.

Maintenance Schedule

Task	Frequency	Timing	Notes
Visual inspection	Twice per year	Spring & Autumn	Check for signs of wind uplift, pooling water, or damage
Weed removal	Twice per year	Spring & Autumn	Remove self-seeded species (esp. woody or invasive species)
Fertilisation	Once per year	Spring (March–April)	Apply a low-nitrogen, slow-release fertiliser (e.g. 5-5-10 NPK)
Irrigation	As required	Dry spells (esp. first summer)	Temporary watering in prolonged drought conditions only
Debris clearance	Twice per year	Spring & Autumn	Clear drains, gutters, and excess leaf litter
Planting reinforcement	As needed	Spring/Autumn	Replant any bare patches using plug plants or sedum cuttings

All maintenance to be carried out with due care not to damage the waterproofing membrane beneath. Access to the roof is via the terrace and safety procedures will be followed at all times.

Planting Species and Density

The green roof will be supplied and installed using a pre-cultivated sedum mat, typically comprising a diverse mix of hardy, drought-resistant sedum species.

Species Mix (may vary by supplier):

- Sedum acre
- Sedum album
- Sedum spurium
- Sedum sexangulare

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Chartered Practice

- Sedum kamtschaticum
- Sedum reflexum
- Sedum hispanicum

Planting Density:

- Sedum mats: Fully vegetated at time of installation (80–90% coverage)
- Mats laid directly over substrate layer (minimum 60mm), with substrate varied in depth to create minor topographical variation (50mm–100mm).

Maintenance Notes

- Sedum is self-sustaining but benefits from light feeding and occasional watering during establishment.
- Some browning in extreme heat or drought is normal and reversible with rainfall.