

GREEN ROOF - Maintenance Scheme

rev.00

133 King Henry's Road, Garden Flat, London NW3 3RD

1.0 Sedum mat plant installation

- 250g/sqm Synthetic fibre protection/moisture retention fleece. Laid with 150mm overlaps.
- Drainage/water retention element. 20mm drainage layer.
- 150g/sqm Filter fleece. Laid with minimum 150mm overlaps in all directions.
- 250g/sqm Upstand protection fleece with a perimetral retention trim system (any waterproofed upstand faces covered with protection fleece to at least finished soil level).
- FFL compliant Lightweight site formulated growing substrate consisting of organic, inorganic and mineral components: 60mm depth.
- Plant layer installed as 30mm thick pre-grown sedum mat – minimum 90% coverage on installation.
- Vegetation breaks to roof perimeter, penetrations and erosion susceptible areas (150 to 300mm wide, 20-40mm rounded pebble in fill).
- Planted element saturated weight: 95 kg/sqm *(+16kg per sqm if a 150 to 300mm wide shingled margin is included in the sqm).

2.0 Sedum Species

Sedum Album
Sedum Spurium
Sedum Reflexum
Sedum Acre
Sedum Angelicum
Sedum Kamtschaticum
Sedum Hispanicum

3.0 Post Installation Maintenance

12-month maintenance Scheme.

In common with ground level planting, green roofs require maintenance to ensure that the original species selected establish and become a thriving self-sustaining plant community.

In the first 12 months post installation maintenance, allow for 2 visits followed by, at a minimum, 1 maintenance visit per year.

Typical procedures carried during maintenance include:

1. Removal of unwanted plant material i.e. invasive species.
2. Correction of any localised plant system problems that may have occurred post installation.
3. Replacement of any naturally failed plants exceeding 5% of total plants installed.
4. Application of nutrient source.
5. Removal of dead flower heads.
6. Inspection of rainwater outlet chambers and surrounding vegetation breaks.
7. Replenishment of any areas of settled substrate.