



Lindum Green Roof Vegetation Layer Products

Maintenance Sheet

Lindum produce a choice of four vegetation layer products for green roofs, all supplied ready established in rolls, ready to roll out on to the extensive green roof substrate as an instant vegetation layer:

- **Lindum Biodiverse Wildflower & Sedum Mat** – biodiverse mix of wildflowers / sedums / herbs / flowering perennials for biodiversity benefits combined with drought tolerance and visual impact
- **Lindum SedumPlus Mat** – UK grown mix of 16 varieties of sedum for very low maintenance and extreme drought tolerance
- **Lindum Wildflower Meadow Mat**– mix of wildflowers and non-aggressive meadow grasses for colour and biodiversity
- **Lindum Low Maintenance Turf Mat** – low and slow growing grasses for a turf-grass finish with low maintenance requirements

The following maintenance guidelines apply to all the above vegetation layer options, referred to below as ‘vegetation mats’.

Installation

- Vegetation mats must be laid within 24 hours of arrival on site in summer and within 48 hours of arrival in winter.
- If there are any delays with installation of the vegetation mats, all mats must be unloaded from the pallets, unrolled, spread out on the ground and watered immediately.
- Vegetation mats should be laid on a minimum substrate depth of 100mm (for pure sedum SedumPlus Mat, 50mm minimum is acceptable).
- Vegetation mats should be laid on to damp substrate.

Irrigation

- Vegetation mats must be watered immediately after installation.
- Ensure that the water has soaked well in to the substrate beneath – this can be checked by lifting up a corner of the vegetation mat.
- Vegetation mats must not be allowed to dry out at any point during establishment – approximately 4-6 weeks (longer in winter).

- Provision should be made to water the vegetation mats through the first spring/summer growing season.
- The vegetation mats are designed to be drought tolerant. Provision should be made to water the vegetation mats through prolonged drought periods particularly when aesthetics are important.

Cutting (*not applicable to pure sedum SedumPlus Mat*)

- Vegetation mats should be cut once a year in late autumn after the plants have shed their seed.
- Cut the plants back to 50mm-75mm length using hand shears, a strimmer, or a mower and collect and remove the cuttings.

Fertiliser

- Vegetation mats perform best in low fertility situations. High fertility will encourage more competitive grasses and weeds.
- Do not fertilise either before or after laying the vegetation mats.

Maintenance visits

- Maintenance visits should be carried out at least once a year (ideally twice a year for the first two years).
- Maintenance procedures carried out at each visit could include the following:
 1. *Removal of unwanted plant material*
 2. *Correction of any localised plant system problems*
 3. *Replacement of any failed plants exceeding 5% of total plants installed*
 4. *Removal of dead flower heads (if required)*
 5. *Checks on outlets and drainage*
 6. *Replenishment of any areas of settled substrate*
- At the end of year two we would recommend that the client consider negotiating a continuing programme of maintenance with the contractor on the basis that they will be familiar with what is required to maintain a healthy plant regime.
- All green roofs should have an annual maintenance visit.

Please note: if there are any queries regarding the vegetation mats please contact Lindum Turf immediately using the contact details below. We are available to offer advice and assistance on all matters relating to the vegetation mats. We are unable to accept responsibility for any problem or failure due to use other than for what the vegetation mats were designed, or for circumstances beyond our control e.g. extreme weather conditions or damage through pests or disease.