



Lindum Vegetation Mat Products

Extensive Green Roof Maintenance

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

- **Lindum Sedum Mat** – UK grown mix of 10-12 varieties of sedum for low maintenance and drought tolerance
- **Lindum Wildflower Mat**– mix of wildflowers, herbs and flowering perennials for colour and biodiversity

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 75mm (for pure sedum Sedum 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/weather dependant).
- Provision should be made to water the vegetation mats through the first spring/summer growing season and drought times thereafter.
- The vegetation mats are designed to be drought tolerant once well established. 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 or after the plants have shed their seed. Wildflower Mat may need a cut back at the beginning of spring if you think one species is becoming more dominant than the others. This will allow the slower growing species to catch up.
- Cut the plants back to 75mm-100mm 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. If this is a small domestic roof it is okay for the homeowner to maintain it themselves so long as they are comfortable to do so.
- All green roofs should have at least one 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.