



Green Roof Build Up Technical Spec Sheet

Why choose Enviromat?

- UK Grown
- Instant greening with sedums and other species all able to flourish on UK rooftops
- Proven system in use for over 50 years
- Developed to meet FLL guidelines
- 3 working day lead time
- Competitive pricing
- Superb quality

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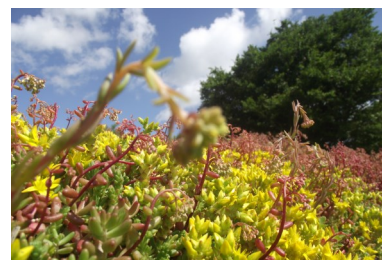
Enviromat in Brief

Enviromat sedum matting is a soft landscaping material that is grown in East Anglia by Q Lawns.

Q Lawns are best known for producing the nation's favourite brand of lawn grass and are renowned for their high standards of quality and customer service. Those standards are applied just as rigorously to Enviromat as they are to our turfgrass.

Enviromat is an extremely versatile, frost hardy and drought tolerant, random mix of flowering sedum plants grown on to a convenient geotextile matting.

The seven plant species in Enviromat are specially chosen for their wide range of colour, texture and seasonal differences in their flowers and foliage.



Enviromat sedum roof early June

These are perennial plants that give good coverage all year round

The plants are grown outdoors on to a patented free-draining geotextile mat with a layer of growing medium that allows just the right amount of water retention for the plants—not too wet, not too dry. That's why Enviromat only needs watering during prolonged dry conditions.

Suggested used for Enviromat:

- Green roofing
- Easy care ground cover
- A topping for gabions, walls, bug hotels



Flat roof build up



Suitable for ground use and/or flat roofs with a 1-3 degree pitch

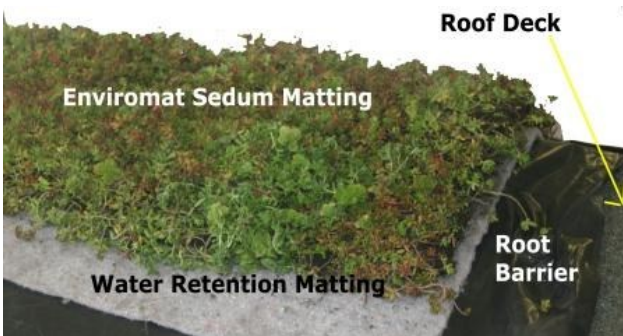
Sunny aspect with direct sunlight for at least half the day

Components protect waterproofing layer against root damage and allow adequate drainage whilst retaining enough moisture to support the plants through all but the most prolonged drought.

Requires 1-2 maintenance visits per annum

Minimum pitch	1 degree
Maximum pitch	3 degrees
Components required	Heavy gauge polyethene Drainage matting Water retention matting Enviromat sedum matting
Depth (excluding vegetation)	28mm
Saturated weight	FOR ROOF APPLICATIONS PLEASE ALLOW FOR A WEIGHT OF 120KG/M² to ACCOMMODATE LIVE LOADING

Pitched roof build up



Suitable for sloping banks and/or pitched roofs with a 3.5—20 degree pitch

Sunny aspect with direct sunlight for at least half the day

Components protect waterproofing layer against root damage whilst retaining enough moisture to support the plants through brief periods of drought.

On slopes greater than 10 degrees, or on exposed and windy sites, your Enviromat will need watering in hot dry weather.

1-2 maintenance visits per year are essential.

Minimum pitch	3.1 degrees
Maximum pitch	10 degrees with no irrigation up to 20 degrees if irrigation is available
Components required	Heavy gauge polyethene Water retention matting Enviromat sedum matting
Depth (excluding vegetation)	48mm
Saturated weight	FOR ROOF APPLICATIONS PLEASE ALLOW FOR A WEIGHT OF 120KG/M² to ACCOMMODATE LIVE LOADING

Description	Pre cultivated vegetation blanket on a patented nylon loop and geotextile base carrier with substrate growing medium
Grower	Q Lawns, Corkway Drove, Hockwold, Thetford, Norfolk IP26 4JR
Applications	Extensive green roofing Low maintenance ground cover
Composition: geotextile	Geotextile carrier filter layer with bonded UV resistant nylon loops
Composition: substrate growing medium	Recycled crushed brick and expanded clay shale with 20% composted green waste pH value 6.5—7
Composition: vegetated layer	95% coverage of mixed plant species, predominantly sedums. Sown mix includes: <i>S. album</i> , <i>S. sexangulare</i> , <i>S. kamtschaticum</i> , <i>S. acre</i> , <i>S. reflexum</i> , <i>S. spurium</i> , <i>S. pulchellum</i> , <i>Saxifraga granulata</i>
Standard roll size	1000mm x 2000mm
Non-standard roll size	1000mm x 1000mm (slab) 1000mm width cut only in increments of 500mm For lengths of 2500mm or more, mechanical handling equipment will be needed.
Saturated weight	34Kg per square metre
Thickness	20mm excluding vegetation Vegetation will be approx. 30-50mm high at despatch, One established, plants will reach a height of up to 120mm depending on growing conditions

Water Retention Matting Technical Data

Description	Light weight fleece provides some water storage
Applications	Use beneath Enviromat sedum matting on flat roof, pitched roof and ground applications
Composition	Recycled fibres 80% man made, 20% organic
Water holding capacity	9 litres per square metre
Saturated weight	9 Kg per square metre
Thickness	8mm

Green Roof Drainage Matting Technical Data

Description	Light weight drainage mat comprising two layers of geotextile filter layer with bonded UV resistant nylon loops bonded between them
Applications	Use beneath Enviromat sedum matting and water retention matting on flat roof and ground applications
Saturated weight	n/a
Thickness	20mm

Enviromat Installation

For installation instructions please visit www.enviromat.co.uk/how-to-install-enviromat or ask us to post you a copy of our installation leaflet.

Need help? Ask about our installation service

Care and Maintenance

Enviromat sedum matting needs very little maintenance. No mowing, no trimming, no deadheading.

For best results:

Apply a specialist slow release sedum green roof feed in early spring and water it in.

Pitched roofs may need a second feed in early summer

Keep drainage outlets and gutters free from debris

Remove unwanted plants at least once a year

Once Enviromat is established, water only during periods of prolonged drought.....too much water will encourage weed growth and will stress your sedum plants

Enviromat offers a green roof maintenance service.

Please contact us for more information.

Enviromat FAQ's answered

Enviromat must be installed onto a smooth surface. Corrugated roofs are not suitable.

Enviromat is not a waterproofing system. Before putting it on a roof, please ensure that the existing waterproofing is in good condition.

If your roof has no up-stand, you will need to put a timber or metal edging all around the roof to prevent wind uplift.

Delivery is kerb-side only and will be with a pallet pump-truck. Please let us know when you place your order if you prefer a forklift offload—we can arrange it for you but there may be a small charge

Enviromat is perishable. It must be installed on the day of delivery. Please do not order your Enviromat until you are completely ready to install it.

Contact us


Tel: 01842 828266

Fax: 01842 827911

Email: sales@qlawns.co.uk

Web: www.enviromat.co.uk

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 www.facebook.com/qlawns

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