Lindum
taking grass a step further

Lindum Wildflower Mat

A mixture of wildflowers, herbs and flowering perennials, specifically designed for green roofs and sustainably grown in the UK.

Working closely with the University of Sheffield's Professor Nigel Dunnett and the Green Roof Centre, Lindum has developed the Wildflower Mat. Attractive to pollinators, it provides a biodiverse and colourful range of wildflowers, herbs and flowering perennials that will flourish in the conditions created on many types of green roofs.

Why choose Lindum Wildflower Mat?

Features: An attractive mixture of wildflowers, herbs and flowering perennials to produce a biodiverse and colourful alternative to traditional sedum, with a prolonged flowering period, from April to September. Flowering height 30–80cm.

Benefits and uses: As an alternative to pure sedum it combines the drought tolerant aspects with colour and ecological benefits of wildflowers and other species, attracting a wider range of birds, bees, butterflies and invertebrates.

Mixture: The mixture is designed to have a range of plants that flower April – September, which have visual appeal and provide an excellent habitat for wildlife.

As well as a range of wildflowers including Lady's Bedstraw, Cat's Ear and Yellow Chamomile, herbs such as Wild Marjoram and Thyme, and pink flowering perennials such as Dianthus are part of the colourful mix.

Maintenance: 1–2 cuts per year at the end of the flowering period, removing all cuttings from the roof.

Through dry/warm periods of time the roof will need a help in hand so it must be watered manually of by a watering system.

Lindum Green Roof Mats

Supplied ready-to-roll-out as an instant vegetation layer, with the plants established and growing in a strong felt mat made from recycled British textiles. The Lindum Wildflower Mat is lightweight, easy to install and low maintenance, available in varying roll sizes to suit site requirements and suitable for use with a lightweight green roof substrate.

Lindum can offer a complete green roof package, including lightweight substrate, drainage layer and green roof edge profile. We can also make recommendations for the waterproof membranes and pebbles for the borders.

Mixture

There is a planting mixture of wildflowers, herbs and flowering perennials in the Lindum Wildflower Mat. Major Species include:

Cat's Ear
Hypochaeris radicata
Dandelion like yellow flower. Flowers May to August.

Chives
Allium schoenoprasum
Attractive mauve flowers, favourite of bees. Flowers July to August.

Yellow Chamomile
Anthemis tinctoria
Attractive yellow, daisy like flowers with aromatic feathery foliage.

Oxeye Daisy
Leucanthemum vulgare
Member of the Daisy family and looks like a large daisy. Flowers May to September. Grows to an approximate height of 60cm.

Carthusian Pink
Carthusianorum
Tight dark pink flower heads and slender leaves. Flowers July to September. Can grow to a height of 60cm.

Vipers Bugloss
Echium vulgare
Produces tall, rough, hairy leaves and vivid blue flowers. Flowers May to September. Grows to a height of 30–80cm.

Lady's Bedstraw
Gallium verum
Tiny yellow flowers smelling of honey on tall thin stems. Attracts a wide variety of butterflies and moths. Flowers June to August.

Bumblebees

Research has shown that wildflower green roofs attract twice as many bee species and five times as many blossom visits compared to pure sedum roofs.

RHS PERFECT FOR POLLINATORS

See www.lindumgreenroofs.co.uk for more information.

Technical specification

VEGETATION MAT

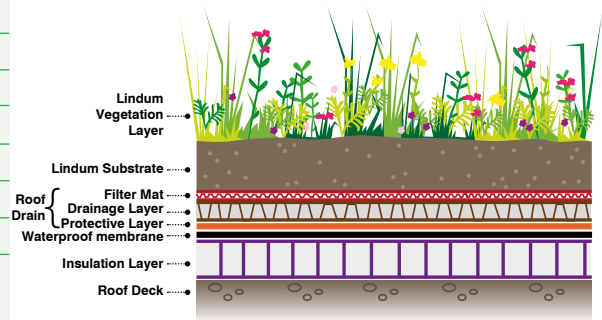|	
PRODUCT REFERENCE	Lindum Wildflower Mat
PLANTING MIX	Lindum Wildflower Mat
MATERIAL	450gsm felt with scrim
THICKNESS	25mm
VEGETATION COVERAGE	75% (minimum) at point of sale
ROLL SIZE	1.2m² (0.6m x 2.0m) or 2.4m² (1.2m x 2.0m)
SATURATED WEIGHT	25kg per square metre
MAXIMUM M² PER PALLET	40 square metres
DELIVERY OPTIONS	Pallet delivery service for small orders Flat-bed artic wagons for crane uplift Rigid with tail-lift offload facilities Artic with mounted forklift

EXTENSIVE GROWING MEDIUM

PRODUCT REFERENCE	Lindum Lightweight Green Roof Substrate
MATERIAL	A blend of lightweight aggregate and the award winning topsoil
DEPTH	75mm (minimum) – 100mm (preferable)
SATURATED WEIGHT	At 75mm settled depth = 75kg per square metre At 100mm settled depth = 100kg per square metre
BAG SIZES	1m³ tote bags 20 litre heat sealed bags Bulk loose
MAXIMUM VOLUME PER PALLET	1m³ as 1 x 1m³ tote bag 1m³ as 50 x 20 litre bags
DELIVERY OPTIONS	Pallet delivery service for small orders Flat-bed artic wagon for crane uplift Rigid with tail-lift offload facilities Artic with mounted forklift Bulk tipper

AREA COVERED	Bag size	Depth(settled)	m² covered*
	1m³ tote	75mm	12.50m²
	1m³ tote	100mm	9.50m²
	20 litre	75mm	0.25m²
	20 litre	100mm	0.19m²

*Please allow for 5% settlement when ordering

DRAINAGE LAYER

PRODUCT REFERENCE	Lindum Roofdrain 20
MATERIAL	Recycled High Density Polyethylene water reservoir core with moisture retentive protective fleece to underside and geotextile filter mat to upper side
THICKNESS	22mm
INFILL	Not required
ROLL SIZE	920mm x 50m (46 square metres per roll)
WATER STORAGE CAPACITY	6.5 litres per square metre
SATURATED WEIGHT	7.5kg per square metre
MAXIMUM M² PER PALLET	92 square metres (2 rolls)
DELIVERY OPTIONS	Pallet delivery service for small orders Flat-bed artic wagon for crane uplift Rigid with tail lift offload facilities Artic with mounted forklift

ALSO AVAILABLE	Product	Water storage	Weight
	Lindum Roofdrain 40	13.0l/m²	15kg/m²

PROFILE OF A LINDUM GREEN ROOF

Lindum Vegetation Layer
Lindum Substrate
Filter Mat
Roof Drain { Drainage Layer
Protective Layer
Waterproof membrane
Insulation Layer
Roof Deck

Other products available from Lindum:

Lindum SedumPlus Mat

Sixteen colourful varieties for extended flowering colour and interest throughout the growing season. For more information see: Lindum SedumPlus Mat technical sheet.

Lindum Green Roof Package

Lindum can supply a complete Green Roof Package. See our Lindum Green Roof technical sheet for more information.

Contact

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