lindum wildflower & sedum mat

A mixture of wildflowers, sedums, 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 & Sedum Mat. Attractive to pollinators, it provides a biodiverse, colourful and drought tolerant range of wildflowers, sedums, herbs and flowering perennials that will flourish in the conditions created on many types of green roof.

Why choose Lindum Wildflower & Sedum Mat?

Features: An attractive mixture of drought tolerant wildflowers, sedum and herbs to produce a biodiverse and colourful alternative to traditional sedum, with a prolonged flowering period, from April to September. Flowering height is 20-30cm.

Benefits and uses: As an alternative to pure sedum it combines the drought tolerant aspects of sedums with the 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 from April to September, which have visual appeal and provide an excellent habitat for wildlife.

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

Maintenance: One light cut in late autumn removing all cuttings.

Mixture

There is a planting mixture of wildflowers, sedum and herbs in the Lindum Wildflower & Sedum Mat. Major species include:

Oxeye Daisy
Leucanthemum vulgare
Member of Daisy family and looks like a large daisy. Flowers May to September.

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

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

Yellow Chamomile
A*nthemis tinctoria*
Yellow daisy like flowers with aromatic feathery foliage.

Sedum Acre
Yellow
6cm, yellow, mat-forming

Sedum Spurium
Pink
15cm, dark pink flowers

Sedum Album
White
10cm, white umbel panicles

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 & Sedum 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 and drainage layer.

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.

See www.lindumgreenroofs.co.uk

Technical specification

VEGETATION MAT

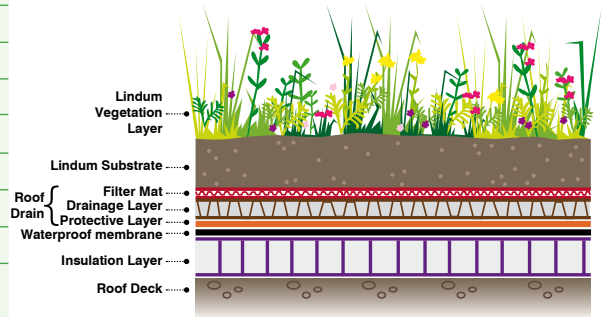|	
PRODUCT REFERENCE	Lindum Wildflower & Sedum Mat
PLANTING MIX	Lindum biodiverse green roof mix
MATERIAL	450gsm felt with scrim
THICKNESS	25mm
VEGETATION COVERAGE	75% (minimum)
ROLL SIZE	1.2m² (0.6m x 2.0m) or 2.4m² (1.2m x 2.0m)
SATURATED WEIGHT	25kg per square metre
MAXIMUM M² PER PALLET	48 square metres
DELIVERY OPTIONS	Pallet delivery service for small orders
	Flat-bed artic wagon
	Rigid with tail-lift offload facilities for crane uplift
	Rigid with Hiab offload
	Artic with mounted forklift

EXTENSIVE GROWING MEDIUM

PRODUCT REFERENCE	Lindum Extensive Green Roof Substrate
MATERIAL	100% recycled crushed brick and green waste compost
	UK sourced and manufactured
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
	Rigid with Hiab offload
	Artic with mounted forklift
	Bulk tipper or Bulk blower

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		

ALSO AVAILABLE	Lindum Brown Roof Substrate
	Lindum Extra Lightweight Green Roof Substrate

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 upperside
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
	Rigid with Hiab offload
	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™

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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