

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 Dunnnett 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 and invertebrates.

Mixture: The mixture is designed to have a range of plants that flower April – September, which have a 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 perennial such as Dianthus are part of the colourful mix.

Maintenance: 1-2 cuts per year at the end of the flowering period and an optional cut in spring (we can advise), removing all cuttings from the roof.

Weeding will need to be carried out when necessary, like any garden border, it is subject to windblown weeds and grasses.

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



Lindum Green Roof Mats

Supplied as slabs, ready to lay straight from the pallet as an instant vegetation layer, with the plants established and growing in a strong plastic free felt. The Lindum Wildflower Mat is lightweight, easy to install and low maintenance, available in different slab 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.

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

Mixture

There is a planting mixture of wildflowers, herbs and flowering perennials in the Lindum Wildflower Mat. Included are:



Achillea millefolium
Yarrow



Centaurea scabiosa
Greater Knapweed



Daucus carota
Wild Carrot



Filipendula ulmaria
Meadowsweet



Galium album
(*Galium mollugo*)
Hedge Bedstraw



Galium verum
Lady's Bedstraw



Knautia arvensis
Field Scabious



Leontodon hispidus
Rough Hawkbit



Leucanthemum vulgare
Oxeye Daisy



Lotus corniculatus
Birdsfoot Trefoil



Origanum Vulgare
Wild Marjoram



Plantago lanceolata
Ribwort Plantain



Plantago Media
Hoary Plantain



Poterium Sanguisorba
(*Sanguisorba Minor*)
Salad Burnet



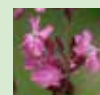
Primula veris
Cowslip



Prunella vulgaris
Selfheal



Rhinanthus minor
Yellow Rattle



Silene dioica
Red Campion



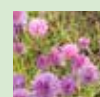
Silene flos-cuculi
(*Lychnis flos-cuculi*)
Pink Ragged Robin



Silene vulgaris
Bladder Campion



Echium Vulgare
Viper's Bugloss



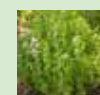
Allium Schoenoprasum
Chives



Veronica Spicata
Spiked Speedwell



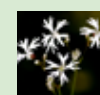
Linaria Vulgaris
Toadflax



Thymus vulgare
Common Thyme



Dianthus carthusianorum
Carthusian Pink



Lychnis flos cuculi
White Ragged Robin

Technical specification

VEGETATION MAT

PRODUCT REFERENCE	Lindum Wildflower Mat
PLANTING MIX	Lindum Wildflower Mat
MATERIAL	550g/m ² 100% plastic free recycled British textiles
THICKNESS	25mm
VEGETATION COVERAGE	75% (minimum) at point of sale
ROLL SIZE	1.2m ² (1.2m x 1.0m) or 0.6m ² (0.5m x 1.2m)
SATURATED WEIGHT	25kg per square metre
MAXIMUM M ² PER PALLET	30-35 square metres dependant on weight at the time of order
DELIVERY OPTIONS	Pallet delivery service for small orders Rigid with tail lift offload facilities Rigid wagon with Hiab offload facilities Artic wagon with optional moffett offload facilities

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	1m ³ tote bags 18 litre heat sealed bags Bulk loose
MAXIMUM VOLUME PER PALLET	1m ³ as 1 x 1m ³ tote bag 1m ³ as 55 x 18 litre bags
DELIVERY OPTIONS	Pallet delivery service for small orders Rigid with tail lift offload facilities Rigid wagon with Hiab offload facilities Artic wagon with optional moffett offload facilities

DRAINAGE LAYER

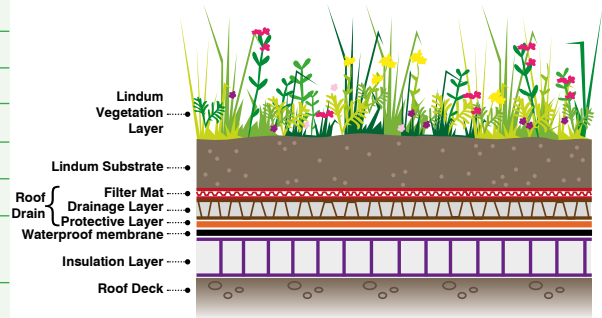
PRODUCT REFERENCE	Lindum Roofdrain 20						
MATERIAL	Recycled High Density Polyethylene water reservoir core with moisture retentive protective fleece to underside and geotextile filter mat to upper side						
THICKNESS	22mm						
INFILL	Not required						
ROLL SIZE	920mm x 50m (46 square metres per roll)						
WATER STORAGE CAPACITY	6.5 litres per square metre						
SATURATED WEIGHT	7.5kg per square metre						
MAXIMUM M ² PER PALLET	92 square metres (2 rolls)						
DELIVERY OPTIONS	Pallet delivery service for small orders Rigid with tail lift offload facilities Rigid wagon with Hiab offload facilities Artic wagon with optional moffett offload facilities						
ALSO AVAILABLE	<table border="1"> <thead> <tr> <th>Product</th> <th>Water storage</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>Lindum Roofdrain 40</td> <td>13.0l/m²</td> <td>15kg/m²</td> </tr> </tbody> </table>	Product	Water storage	Weight	Lindum Roofdrain 40	13.0l/m ²	15kg/m ²
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Lindum Roofdrain 40	13.0l/m ²	15kg/m ²					



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.

PROFILE OF A LINDUM GREEN ROOF



Other products available from Lindum:

Lindum Sedum Mat

10 colourful varieties for extended flowering colour and interest throughout the growing season. For more information see: Lindum Sedum 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.



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