Sedum Supply
EXPERTS IN GREEN ROOF SYSTEMS

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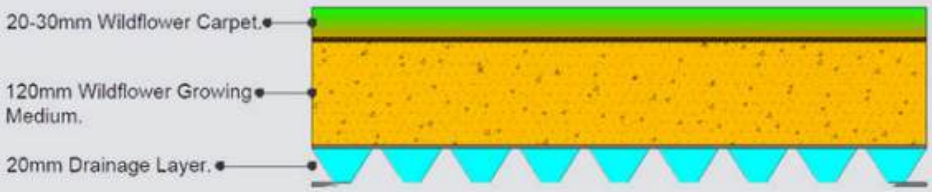
GRO WILDFLOWER ROOF PACK (SSWP)

Technical Data Sheet

Fully grown wildflower roof pack to include, 20mm roof drainage system, 120mm wildflower growing medium, and a fully grown wildflower carpet roll.



SATURATED ROOF WEIGHT

Minimum roof fall 1:120
130kg m2 - 190kg m2

WILDFLOWER ROOFS

Wildflower roofs are not only attractive to local wildlife, but also to our declining bee population. It provides a wonderful display of wildflowers throughout the summer months, while still providing easy aftercare and low maintenance requirements.

ACCOMPANYING DOCUMENTS

SSRD20, SSEXT, SSWT, ASRT

This information is accurate to the best of our knowledge. We operate an ongoing policy of research and development and reserve the right to alter any specification without notice. We will not accept any liability that may arise out of misuse of either the information or the product.

GROWING MEDIUM

A blend of lightweight clay aggregates, crushed brick and organic material. All substrates are composed of composted material from sustainable sources, the crushed brick element is a by-product or a second from the brick manufacturing industry and therefore contains no demolition waste.

WILDFLOWER TURF

Weed suppressing, easy to handle and also delivers a guaranteed wildflower environment. The turf is made up of 34 UK native wildflowers and 2 non-invasive grasses. With a minimum of 75% wildflowers.

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SSSRD20 RIDGED ROOF DRAIN

Makes extensive use of recycled polymers in its construction

DESCRIPTION

Consists of a perforated cuspated recycled HDPE (High Density Polyethylene) core with selected geotextiles thermally bonded on each side. It is primarily intended for use under thin soil layers where the plant roots can reach down to the water in the core reservoirs. The core is perforated to allow the excess rainwater to flow into the underside and away through the roof drain to the outlets. The upper textile is optimised for drainage performance and the lower textile protects the waterproofing system. Its major application is in extensive roof garden drainage where the SSRD20 roof drain provides a lightweight drainage layer and water reservoir to sustain plant growth.

FEATURES

Rollsize: 920mm x 50m (coverage per roll 46m2)
Depth Total: 24mm (20mm inner core)
Material: Polypropylene mixed PP & Other Recycled Polymers
Water Storage: 5.5 l/m2
Saturated Weight: 7.5 kg/m2
Dry Weight: 1.720 kg/m2
Tensile Strength: 24 / 22 kN/m

BENEFITS

> Drainage
> Water Attenuation
> 5.5 ltrs m2
> Protection of Waterproofing Membrane
> Filtration
> Separation
> Easy to install

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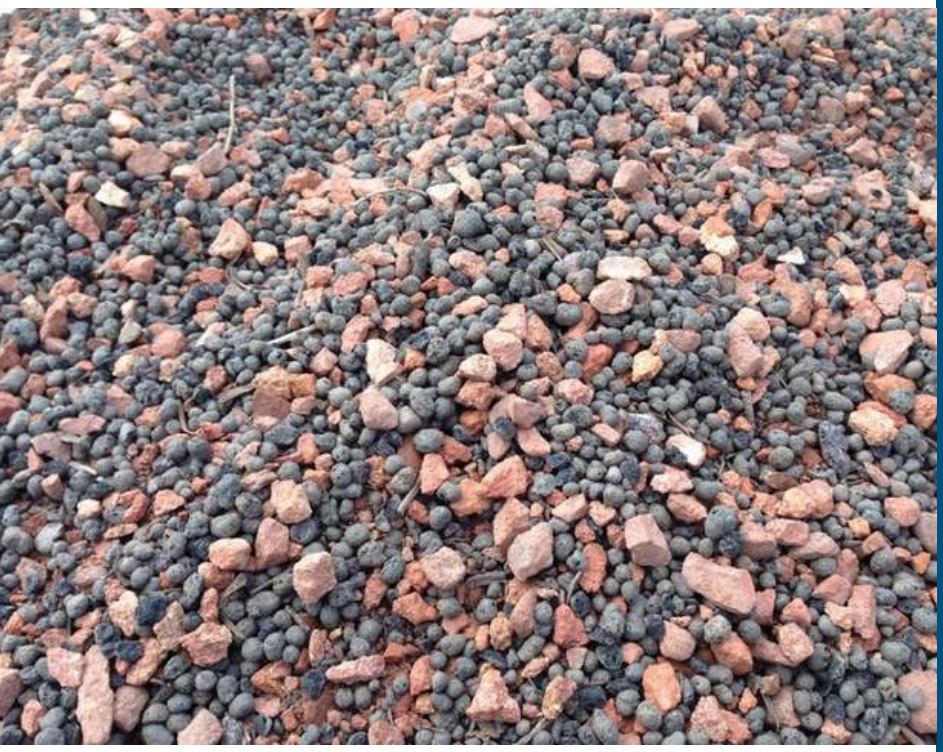
SSEXT GROWING MEDIUM

Ideal for Wildflower Roof Systems



DESCRIPTION

A blend of light weigh water retaining aggregates, crushed brick and organic material mixed to provide an engineered pre-blended extensive substrate, to offer a unique self-sustaining growing platform. Extensive substrates are a versatile lightweight general purpose green roof growing media ideal for sedum matting systems and substrate based systems supporting hardier lower maintenance plants such as sedum, wild flowers and grasses. These mixes are used in a wide range of projects from large industrial or commercial buildings to smaller domestic properties.

FEATURES

Loose Bulk Density:
800 – 950 Kg/m³
Dry Weight Approx. 950 kg
Saturated Weight:
Approx.1200 kg
pH Value: 6.5 – 7.5
Available in:
> Plastic sacks on pallets
> Bulk bags
> Loose bulk
> Silo tanker

BENEFITS

All substrates are composed of composted material from sustainable sources, the crushed brick element is a by-product or a second from the brick manufacturing industry and therefore contains no demolition waste.

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WILDFLOWER ROOF TURF (SSWT)

Our Wildflower Turf has been developed using a unique ‘soil-less’ system.

DESCRIPTION

As a core product Wildflower Turf has been developed by the company using its unique ‘soil-less’ system that is weed suppressing, easy to handle and delivers a guaranteed wildflower environment.

The turf is made up of 34 UK native wildflowers and 2 non-invasive grasses, with a minimum of 75% wildflowers.

FEATURES

Rollsize:
0.77 x 1.62 (1.25m²) approx.
Depth:
Variable 30 - 75mm
Cutting cycle:
Once every autumn (summer cut optional)
Dry Weight:
18 kg/m²
Saturated:
Weight 22 kg/m²

BENEFITS

> UK native Wildflower Turf suitable for a range of soil types.
> All ground landscaping and green roof applications from 30m² to 10,000m².
> Shade and drought tolerant.
> Low Maintenance – one to two cuts a year.

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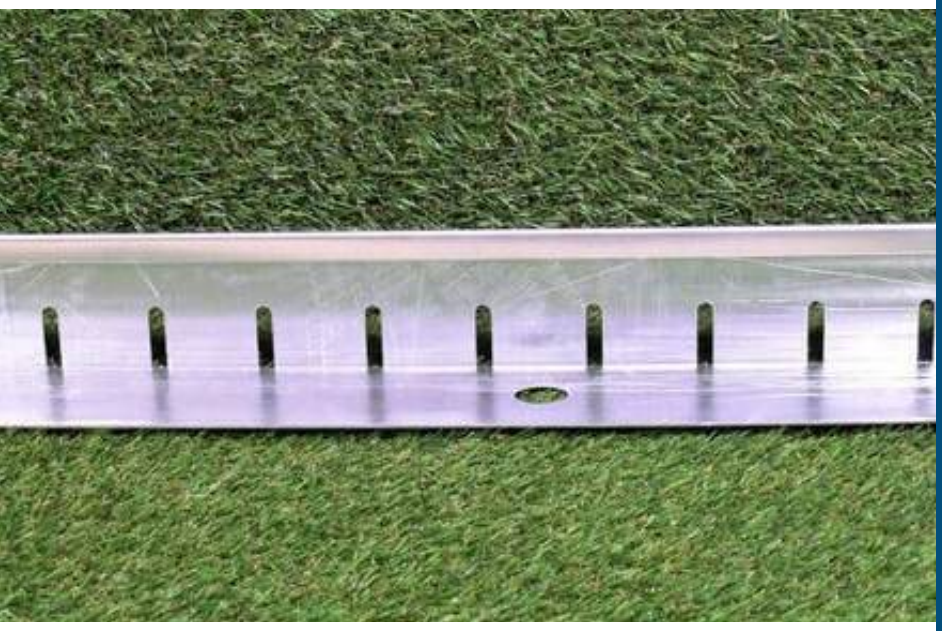
ALUMINIUM SLOTTED RETENTION TRIMS

For retaining a green roof system on a roof neatly and securely.



DESCRIPTION

Ideal for Smart Boxes and can also be used with all our sedum and wildflower kits.

A neat modern looking trim. Can be bonded or patch fixed to existing membrane and neatly jointed using our unique trim connectors.

Alternative sizes available on request.

FEATURES SILVER SMFA90

Thickness: 1.5mm

Size: 90mm high x 1000mm long

Material: Slotted mill finished aluminium

Weight: 700g per 1m length

FEATURES BLACK SBA90

Thickness: 1.5mm

Size: 90mm high x 1000mm long

Material: Black coated aluminium

Weight: 700g per 1m length

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WILDFLOWER SPECIES

FLORA

Achillea millefolium Yarrow 0.6%; Agrimonia eupatoria Common Agrimony 0.6%; Anthyllis vulneraria Kidney Vetch 0.6%; Centaurea nigra Common Knapweed 1.3%; Centaurea scabiosa Greater Knapweed 0.61%; Daucus carota Wild Carrot 1.4%; Echium vulgare Viper's Bugloss 1%; Galium verum Lady's Bedstraw 1.4%; Knautia arvensis Field Scabious 0.8%; Leontodon hispidus Rough Hawkbit 0.6%; Leucanthemum vulgare Oxeye Daisy 1%; Linaria vulgaris Common Toadflax 0.3%; Lotus corniculatus Birdsfoot Trefoil 1.2%; Malva moschata Musk Mallow 0.6%; Plantago lanceolata Ribwort Plantain 0.6%; Plantago media Hoary Plantain 0.6%; Primula veris Cowslip 0.6%; Prunella vulgaris Self Heal 1.2%; Ranunculus acris Meadow Buttercup 0.9%; Ranunculus bulbosus Bulbous Buttercup 1%; Reseda luteola Weld 0.7%; Rhinanthus minor Yellow Rattle 1.10%; Silene vulgaris Bladder Campion 0.8%; Verbascum nigrum Dark Mullein 0.4%;

GRASSES

Browntop bent 4.4% Crested Dogstail 1.6%, Strong Creeping Red Fescue 28%, Chewings Fescue 24%, Slender Creeping Red Fescue 20%, Yellow oat Grass 1%, Sweet Vernal Grass 1%

Our sedum is randomly seeded from cuttings. We cannot guarantee all varieties are present in your order however you should see at least 6 random varieties per square meter. More varieties will be present in larger orders

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SEDUM SUPPLY WILDFLOWER WATERING GUIDE

Wildflower Roofs
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Sedum Supply Ltd.
Unit MO20, Mile Oak Industrial Estate,
Oswestry, Shropshire
SY10 8GA

There is minimal maintenance required for the Wildflower Turf, however watering the turf is vital in dry weather, but only while its root system establishes.

> In dry conditions, soak the turf after laying. While conditions remain dry, soak every other day for the first week. Providing it is kept damp, the roots will establish quickly in warmer conditions, and the need to water the turf becomes less as the roots get deeper into the soil.

> The turf takes roughly 2-3 weeks to establish and it needs to remain damp for this period.

> After 2 weeks the need to water will drop to twice a week, and there after three weeks it will need little water, unless conditions remain dry.

> Any rain during this time will remove the requirement for watering. If conditions remain dry, future watering may be needed. But please note that too much water will encourge grass growth at the expense of the wildflowers.

> During the establishment of the turf, monitor moisture content by lifting a corner of the turf to ensure that the soil beneath is damp.

> Once well established (and after its first winter) the Wildflower turf will be drought tolerant and will rarely, if ever need watering (the exception to this is any turf used for green roofs)

> Newly laid turf is generally excempt from hosepipe bans for 28 days after laying (please refer to local legislation) In the case of Wildflower turf, this is more than enough time for the roots to establish. Wildflowers respond well to dry conditions where they are more persistent than grassed areas.

Laying Guide

1. Site Preparation

> Exsiting vegetation should be killed or removed. Dig over or rotovate the soil to at least 100mm deep and rake over to create a fine tilth. Remove large stones, roots or clods of earth.
> The Wildflower turf does not require a top quality finish to the soil preparation, as the end result is intentionally 'Meadow like'. However it is vital that all roots of the turf are in contact with the soil for good establishement. It does not need to completely level.

2. Drainage

> Attention must be paid to both the undergroud and surface drainage. Ideally the soil should be free draining and not compacted. However if waterpogged soil is the problem please contact us for advice.

3. Soil Structure / fertility

> Wildflowers can survive on fewer nutrients than conventional lawn grasses. If the soil is highly fertile grasses and weeds tend to take over. Wildflowers are less competitive and will do better on poor soils. No fertiliser is needed.
> Where Wildflowers are seeded, it may be necessary to remove good quality soil to increase the success rate. However this is not necessary with Wildflower turf as its acts as a weed blanket and establishes before the weeds in the soil can become competitive with the more developed plants in the Wildflower turf.

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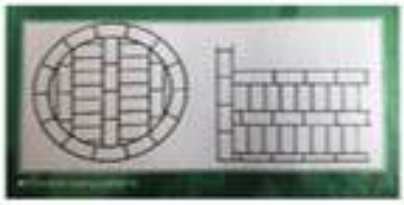
Laying Guide



4. Recommended method of laying Wildflower turf

> Care should be taken to ensure that all joints are butted up correctly to prevent the developement of weeds growing up from beneath the turf. Providing this is achieved the laying of the turf shoul be reasonably quick as a bowling green finish is not required.

> A major advantage of wildflower turf is the large area covered by each roll of turf means that there are many fewer joins than tradtional turf.

> For optimal speed and accuracy when laying Wildflower turf, the following pattern is advised; several tams can be employed at the same time by adopting this method.

> When joining the turfs do not overlap the joined edges and do not create tension so that the joints pull together.

TOP TIP

> When laying, remember the turf is easily cut and blended together - any really doubtful spots with which you are unhappy with, cut out and replace with some offcut. It will grow together and blend in.

> Water the prepared soil to saturation point 48hrs before laying the turf. Once laid water the turf well for the first week, depending on weather. See our watering guide for further information.