

CENTRIC CLOSE | EX
SEDUM AND LIVING ROOF MAINTENANCE SPECIFICATION
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EXTERIOR ARCHITECTURE

CENTRIC CLOSE

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1.1 BAUDER VEGETATION BLANKET XF300

Harvesting and Delivery to Site

The Bauder vegetation blankets are harvested and transported to site within 24 hours and so deliveries to a building project only occur on Tuesday-Friday.

On-site Requirements

A water supply at roof top level is required during the installation of any vegetation blanket. Once an area of installation is completed the vegetation blanket is heavily watered to ensure that the plants and substrate are saturated before moving on to the next area.

Vegetation Barriers

Vegetation barriers are created and installed by using 20 - 40mm round washed pebbles at the perimeters, upstands and abutments and provides protection against wind uplift at the edges of the blanket as well as rapid surface drainage during heavy rainfall.

XF300 Sedum Blanket

These vegetation blankets are installed over a depth of substrate which will be levelled and watered to the point of saturation before the blankets are positioned. If large areas are to be installed then watering and installation is done in sections of as much area as can be completed within 4 hours.

Post Installation Watering Requirements

The vegetation blankets will require a post-installation irrigation period of 4 weeks for sedums and 10 weeks for wildflowers where the blankets should not be allowed to dry out. The amount of watering the plants will require depends upon the location of the building, the roof type and degree of pitch, local climate and exposure levels and the type of plants in the vegetation blanket.

It may also be necessary to irrigate for longer than this if installation is followed by a warm, dry spell of weather. To encourage the plants to survive without topical irrigation and harden them ready to survive the winter it is important to start cutting back watering from early September. The maintenance requirement in the years following installation will depend upon the weather experienced through the winter and early spring of each year and should follow our standard extensive green roof maintenance guidelines, excepting where weather conditions have caused significant damage to the vegetation.



Maintenance specification based on Bauder installation and maintenance guidelines www.bauder.co.uk

2.1 ER1F - WILD FLOWERS FOR GREEN ROOFS SEED MIX

Preparation

A depth of 75 - 150mm or more is best for supporting the widest range of plant species. Shallow depths (less than 75mm) and 'extensive' growing medium designed for sedums are not usually adequate and will not contain sufficient moisture or nutrients.

Substrate Requirements

The seeds require sufficient depth of Bauder extensive substrate to support the roots of the plants once they are fully established. This is a lightweight growing medium that is manufactured to FLL standards which is then top-dressed with Bauder Seed Bed Substrate, which has a finer consistency and higher level of organic matter to enable the seeds to germinate.

The substrate is watered sufficiently, almost to saturation, before the seed mix is broadcast on the roof.

Sowing

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. On shallow growing medium irrigation may be needed to maintain establishment through dry periods. The seed must be surface sown: do not incorporate or cover the seed. Bulk up the seed with an inert carrier such as sand to make distribution easier.

Recommended sowing rates for wild seed mixtures are much lower than conventional lawn and amenity grass rates (2-4g/m² compared with 25-50g/m²). This is deliberate, as rather than aiming for rapid ground cover to suppress all weeds, wild seeding aims to allow an extended period of establishment with room for both fast growing grasses and slower germinating flower seeds. There is some scope for increasing or reducing rates to suit circumstances or budget. Be careful not to sow a standard mixture too heavily as even on difficult sites this can lead to overcrowding or an imbalance in the establishing sward - they are designed to work optimally at their specified rate.

Establishment

Due to the components incorporated within the seed mix there is no requirement for establishment maintenance. It is advisable to ensure that the roof surface is not trafficked other than for essential roof maintenance for the first 12 months after sowing. Bare patches can be over-sown if considered necessary, but will develop vegetative cover over time in any case. The anticipated period of establishment to provide a good vegetated cover is at least two years.



EXTERIOR ARCHITECTURE.

EXTERIOR ARCHITECTURE - LONDON OFFICE

Studio 1S, Hewlett House

Havelock Terrace

London SW8 4AS

+44 (0) 20 7978 2101

Office@exteriorarchitecture.com

EXTERIOR ARCHITECTURE - MANCHESTER OFFICE

Studio 537, The Royal Exchange

St. Ann's Square

Manchester M2 7DH

+44 (0) 161 850 8101

Officemcr@exteriorarchitecture.com