



0143 - 57 Westbere Road, NW2 3SP Extensive Green Roof System data sheet



EGR SPG Sedum Plugged Green Roof System (Warm Roof)

The EGR SPG Sedum Plugged Green Roof System is a premium quality, sedum green roof system designed for flat roofs with minimal falls and suitable for roofs of any height*. This system is suitable for both new build and refurbishment projects and across all sectors including housing, education, commercial, leisure and healthcare.

When to specify

This system is designed to be installed on a waterproofing system that incorporates a vapour control layer and complete with a waterproofing cap sheet. A plug plant system allows for complete customisation, if a particular area is in shade, for instance, a specific sedum species can be chosen based on suitability. It is an ideal solution for where a low maintenance requirement has been outlined, as well as encompassing all the benefits gained from including a green roof system as part of the external building envelope.



The diagram is for illustration only. The waterproofing membrane demonstrates just one example of applicable detailing. The protection layer above the waterproofing is the responsibility of the waterproofing membrane manufacturer unless specified.

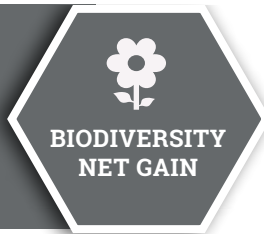
Technical data

Build-up Components		
Layer		Depth
1	EGR COB River-Washed Cobbles	50mm**
2	EGR TRM80 Retention Trim	80mm**
3	EGR SPLG Sedum Plugs	10mm**
4	EGR EXTSUB Extensive Growing Medium	100mm**
5	EGR DBR20 Drainage Board with Filter Fleece	20mm**

System Data
Total System Depth: 130mm**
Dry Weight: 69.7kgs/m ²
Saturated Weight: 112kgs/m ²
Minimum Coverage of Installation: 30%

* Subject to wind uplift calculations by waterproofing manufacturer - for further information, [click here](#)
 ** Depths illustrated are based on a typical system build-up. These depths may change dependent on requirement.

An aesthetically vibrant sedum system that can provide social and community benefits with research confirming the positive impact on people's health and wellbeing. The system allows for high customisation to meet environmental requirements.



EGR SPG system is low maintenance due to the sedum plants' structure and hardiness. *Maintenance packages are available to ensure peace of mind.



EGR SPG system has a high water holding capacity due to the EGR drainage/retention boards and the EGR specialist substrate. Sedums are succulents which hold water within their form which further enhances this system's performance.



All species are installed within 48 hours of delivery to ensure longevity of the plants



EGR sedum plugs are planted individually, around 20-25 per m², and include low growing varied coloured sedum. To ensure your sedum roof flourishes, it is essential to carry out maintenance.



EGR's sedum roof systems have been fire tested to BS EN 13501-5:2016 and received Broof(t4) classification as part of a system encompassing a waterproofing build-up. For further information view certification - available on request.



Can contribute to independent building environmental assessment bodies including BRE's BREEAM and LEED.

The EGR SPG also meets objectives set by Local Biodiversity Action Plans, demonstrated for example in the [London Plan](#).



Protection of the waterproofing system therefore increasing the longevity of the roof. The sedum roof will continue to thrive as long as a maintenance* plan is followed.



PROVEN TRACK RECORD

EGR SPG has been chosen for a large number of prestigious projects within the UK. Every roof is installed by trained operatives that follow the GRO Green Roof Code and FLL Guidelines (aligned to NHBC Standard 7.1 Flat Roofs and Balconies).

GUARANTEED

It is important that the system delivers its full life cycle potential of both commercial and environmental benefits. Once the EGR SPG+ system has been installed, the living roof has a Guarantee of Function which will remain in place as long as a regular maintenance programme is continued.

ACCREDITATIONS AND ASSOCIATIONS



*To ensure the aesthetic appearance, design functionality and environmental benefits of a living roof are maintained, it is important that annual maintenance is undertaken. This includes removal of invasive vegetation, debris, applying specialist fertiliser (if required) and monitoring/controlling the biomass. EGR also recommends that irrigation is installed for initial establishment and/or dry spells (typically Summer), to which systems need to be tested and commissioned. For further information see EGR's Maintenance Guidance [here](#).

The above information is issued in good faith and without warranty and is intended as a guide only. The information comprises typical data and does not constitute a specification.