

# **Sedum Roof**

**Details of the proposed sedum roof to support the planning application for proposed garden building:**

**2 Provost Road**

**London**

**NW3 4ST**

The proposed sedum roof comprises of several layers. Prior to the installation of the sedum roof tray the roof will be boarded out and covered with a waterproof membrane. The tray is then fitted, and compartments filled with an expanding clay topped with a fleece to aid better distribution of moisture and nutrients. A course organic substrate lay is provided to support the growth of a variety of species.

The plants used will be a mixture of 7 species allowing for year-round coverage and minimal maintenance. These will replicate those on the existing sedum roof; it is mostly biting stonecrop (sedum acre) and English stonecrop (sedum anglicum) together with sedum spurium, and sedum sexangulare. It does well and is a beautiful mixture of greens and reds

## **Installation and maintenance**

Installation of the sedum roof will follow the installation of the garden building and will be separate to the work completed by Green Retreats, the homeowner proposes to use (subject to availability and approval) Sedum Green roof S POD tray system or similar product. One of the advantages of this system is due to the design the individual pods can be taken up to carry out if required a roof inspection of the waterproof membrane and structure below.

Maintenance: The chosen sedum roof requires minimal maintenance however the homeowner will ensure that the sedum is cared for following the guidelines provided. Generally, this entails watering during dry spells and bi-yearly checks for any failed vegetation and re planting if required. The chosen company and many other companies offer a maintenance package to aid in the upkeep of the sedum if required. However as the applicant is well versed in the care of this they will carry out their own maintenance.

### 40mm Coarse Substrate

A specialised blend of recycled lightweight organic materials acts as a growing medium

### Expanding Clay

Water retaining division chambers provide protection against drought



### Vegetation

Up to 7 different sedum species ensures optimal round year performance

40mm (Coarse substrate mix)

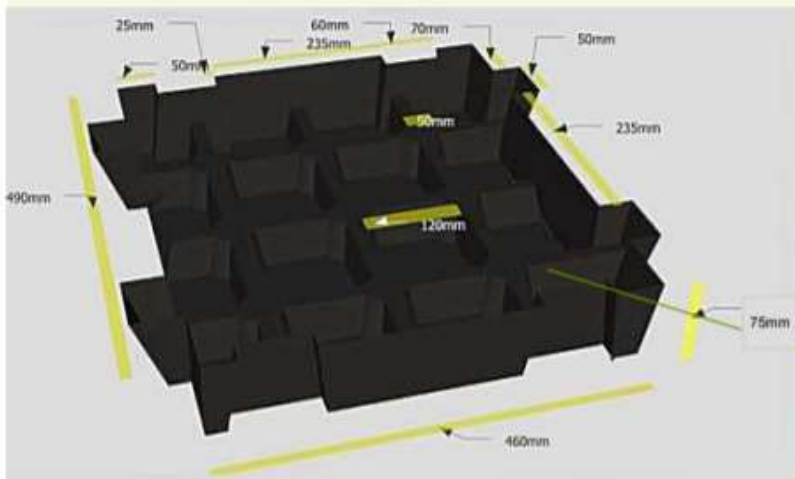
40mm (lightweight drainage aggregate)

### Waterproof membrane

Protects your roof from water damage and leaks

### Filter Fleece

Ensures efficient water and nutrient distribution and retention, enhancing growth and root anchorage



Saturated Weight—48Kg/m<sup>2</sup>

490x460x75mm size

100% recycled plastic

UV resistant

### S-Pod Tray

Designed to aid water drainage and quick installation with interlocking sides

**Images shows the existing sedum roof at the property:**

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**This will be replicated in the new proposal.**



