



**Addition Sheet**

**Protec System**

**Green Roofs**

**Please note that this is an outline specification only and may be subject to further site investigation by Polyroof Products Ltd Technical Department.**

# 1. Green Roof System

## 1.1. Introduction

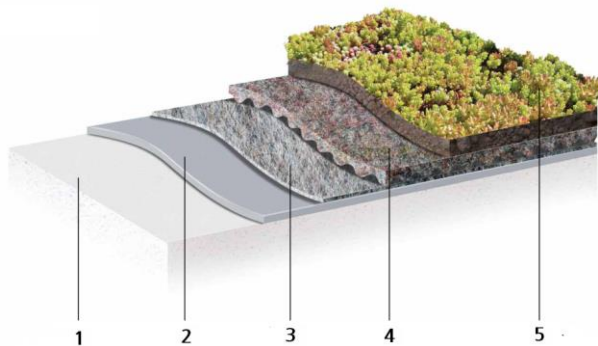
A Polyroof green roof system may be installed following the application of the new waterproofing system. Please note that this document should be read in conjunction with a Protec system outline specification and green roof system CAD details.

### Important Notes:

- Prior to the installation of the green roof system the contractor should ensure that Polyroof Products Limited Technical Services are contacted and given the opportunity to inspect the membrane before it is covered.
- It may be prudent for the client to arrange for water integrity tests to be carried out prior to installing the green roof system. Please consult a WITA (Water Integrity Test Association) member for further guidance if required.
- Please note that should an inspection of the Protec system ever be required in the future it would be the client's responsibility to remove the green roof components back to the membrane.

## 1.2. Green Roof Construction

The detail below shows an extensive green roof design build-up. Please note that alternative green roof system designs are available upon request from Polyroof Products Ltd Technical Services.



1. Roof build-up
2. Protec system
3. Filter fabric (2mm)
4. Drainage control layer (35mm)
5. Sedum turf and growing medium (≥50mm)

*Total Height of Green Roof Components: ≥ 87mm (approx)  
Maximum Saturated Weight: 75kg/m<sup>2</sup>*

*NB: Weight and height may vary depending upon actual green roof design.*

### Please note the following:

- *The installation of a green roof system will increase the height of the roof and consideration must be given to the raising of upstand details as required to accommodate the increased roof height.*
- *In general, extensive green roof systems using low growing sedum vegetation require very little maintenance. However, it is advised that twice yearly inspections are carried out to remove any weeds and check ancillary items such as outlets and flashings are functioning as they should.*
- *It is strongly advised that Polyroof Products Technical Services are consulted early in the design process for any green roof proposal.*