

# Extensive Green Roofs

Extensive green roofs are the most common type and characteristically consist of a shallow layer of growing media; typically between 60mm and 120mm deep. This is planted with a variety of drought tolerant hardy plants.

This type of roof is relatively self-sufficient; they are not designed or constructed with the intention of being trafficked by pedestrians. Whilst not providing any kind of amenity area they do contribute to improving air quality, reducing the visual impact of the roof and assist in controlling rain water run-off/harvesting as well as contributing to the acoustic and thermal properties of the roof. Because access to the roof tends to be limited other than for annual maintenance, the choice of vegetation should be selected with this in mind with low maintenance planting such as sedums and indigenous species recommended.

## Growing Media

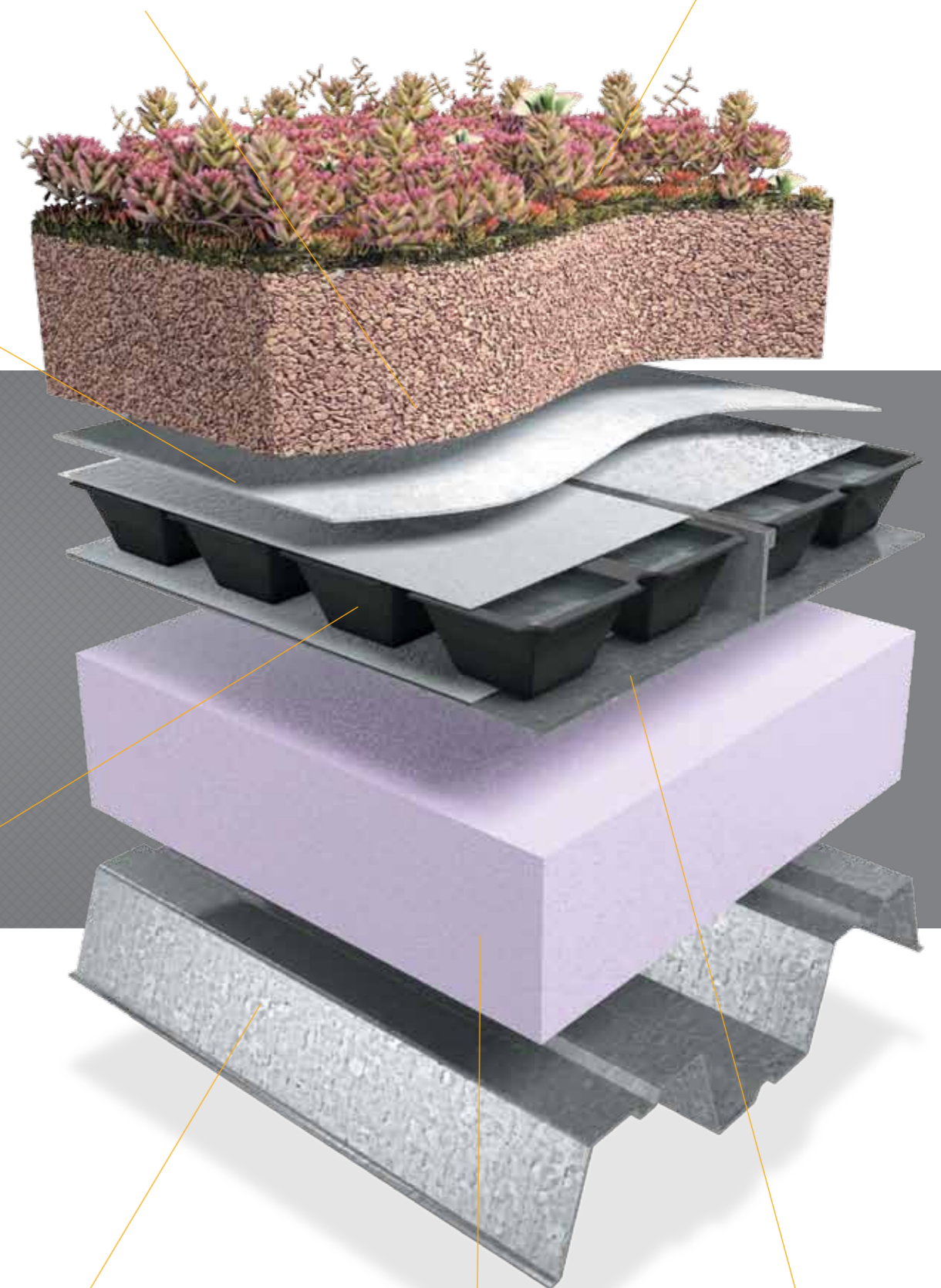
ABG peat free media derived from sustainable, 100% recycled, UK sourced materials. Using a specifically developed growing media can help provide the right growing environment for the selected vegetation and also reduce the load on the roof.

## Vegetation

Specifically selected to suit the final finish requirements of the client/end user. On Extensive green roofs low maintenance varieties such as mosses, herbaceous plants, sedums wildflowers and grasses tend to be used.

## Geotextile Filter Fabric

Laid beneath substrate to prevent fines filtering through to voids below.



## Roofdrain

Forms a lightweight high performance drainage layer with integrated filter geotextile. Using Roofdrain allows for the collection and storage of water to irrigate the plants during low rainfall periods whilst providing a continuous drainage layer across the roof structure. In this system it is shown as strip specifically developed to be positioned between the standing seams.

## Roof Deck

In this instance illustrated as a profile metal deck but other systems can be used.

## Insulation

Specified to meet thermal requirements of the roof structure.

## Waterproofing

Illustrated as a Standing Seam System.