

# Pro-Living® EASY-GREEN MODULAR TRAY



## PRODUCT DETAILS

Product name	<b>Pro-Living® Easy-Green Modular Tray</b>
Product type	Green roof component



## PRODUCT DESCRIPTION

**Pro-Living® Easy-Green Modular Trays** are designed to click together forming a single verdant surface. Once trays are connected, they start to blend straight away, forming a seamless layer of vegetation. Four units clicked together make up exactly **1m<sup>2</sup>** making it easy to work out the required quantities for the surface area. Carefully spaced drainage holes ensure modules retain water for longer, allowing plants to absorb more rainfall, increasing attenuation and delaying discharge into outlets.

**Pro-Living® Easy-Green Modular Trays** are easy to carry and can be easily lifted out giving access to the deck without disruption to the rest of the roof.

**Pro-Living® Easy-Green Modular Trays** are available in both **Sedum** and **Wildflower** varieties.

## APPLICATION

**Pro-Living® Easy-Green Modular Trays** are used within an Extensive Green Roof system in conjunction with the following waterproofing membranes:

- Cold Melt®
- Proteus Hot Melt®
- Pro-BW® Plus
- Pro-BW® LO

## INSTALLATION

**Pro-Living® Easy-Green Modular Trays** should be removed from the pallets immediately upon delivery to prevent the plants from being crushed.

- A layer of **Pro-Living® Filter Fleece** should be installed before installing the **Pro-Living® Easy-Green Modular Trays** to protect the waterproofing membrane and act as a filter for drainage
- **Pro-Living® Drainage Trim** Can be installed to create a neat border around the trays to keep them in place and to hold stones away from objects such as drainage outlets
- Starting from the middle of the roof and working outwards towards the edges, place a module down and then click the next one into place
- There are two connection points on two sides of each module. Once connected up, the module will be secured on all four sides
- The open side(s) must always be pressed up to the side of the neighbouring **Pro-Living® Easy-Green Modular Tray** in order to retain the substrate / growing medium amalgamated
- At the roof edges, ensure that the trays are placed over the base of the **Pro-Living® Drainage Trim**
- After installing the modules, it is essential that you water them thoroughly until fully saturated

## TECHNICAL INFORMATION

Characteristic	Value	Unit
Internal ridge height / reservoir height	20	mm
Number of internal drainage reservoirs	25	-
Drainage holes per tray	8	-
Distance between trays at base	20	mm
Distance between trays at 50mm from base	10	mm
Thickness	3	mm
Weight planted & saturated	25	kg/m <sup>2</sup>
Connectors per tray	4	-
Number of handles on underside	4	-

## SIZE, FINISH AND COLOUR

Product Code	Length mm	Width mm	Height mm	Weight kg	Colour	Finish
GREGMTSE	500	500	100	6.25	Black	Sedum
GREGMTWI	500	500	100	6.25	Black	Wildflower

## SHELF LIFE AND HANDLING

If **Pro-Living® Easy-Green Modular Trays** are left stacked for more than **24 hours** the plants will start to decompose and die. Make sure to plan your installation to take place immediately upon delivery.

## MATERIAL

Recycled polypropylene.

## PACKAGING

Strapped on to pallets.

## LIMITATIONS OF USE

For professional use only.

## GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

## DISPOSAL

Disposal of **Pro-Living® Easy-Green Modular Trays** should be done in a manner that is compliant with UK regulations and best practices. This includes ensuring that the material is properly classified and described, that it is not mixed with hazardous waste, and that it is disposed of in a manner that is environmentally responsible.

## MAINTENANCE

### Extensive roof: <100mm low nutrition substrate

- **Irrigation:** Post-establishment, irrigation is not generally required for extensive green roofs. However, the facility to water should be in place, if possible
- **Fertilisation:** Extensive green roofs typically have low nutrient requirements. If required, they can be fertilised on an annual basis, each spring, using a slow-release fertiliser
- **Plant management:** Removal of undesirable plant species and fallen leaves should take place twice each year
- **General:** Drainage outlets (including inspection chambers) and shingle/gravel perimeters to be cleared of vegetation, twice a year. [Green Roof Organisation](#) guidance should be followed, unless stated otherwise

### Extensive roof: 100mm – 200mm low to medium nutrition substrate

- **Irrigation:** Periodic irrigation/watering is expected, depending upon the plant specification and the climatic and microclimatic conditions prevailing at roof level
- **Fertilisation:** With a wider range of planting, using a more fertile growing medium, more regular fertilisation maybe required
- **Plant management:** Removal of undesirable vegetation on the greened area twice yearly
- **General:** Drainage outlets (including inspection chambers) and shingle/gravel perimeters to be cleared of vegetation, twice yearly. [Green Roof Organisation](#) guidance should be followed, unless stated otherwise

## GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#) / [Modular Green Roof Best Practice Guide](#)