

PRODUCT DETAILS

Product name **Pro-Living® Drainage Trim**

Product type Green roof component

PRODUCT DESCRIPTION

Pro-Living® Drainage Trim is an edging trim constructed from aluminium with **30** pre-cut slots per meter allowing the free draining of water, whilst retaining pebbles or substrate within green roof systems. They are available in various different heights, widths and thickness to suit each project and are suitable for flat roofs or roofs with gentle inclines.

Pro-Living® Drainage Trim Joiners can be used to join lengths together.

APPLICATION

Pro-Living® Drainage Trims are suitable for use in the following situations:

- Border off extensive green roofs
- Provide separation of various aggregates (gravel, substrate)
- Erosion protection
- To form a roof edge in the absence of a parapet

Pro-Living® Drainage Trims are installed on the waterproofing membrane or on the protective layer without any roof penetration.

INSTALLATION

Installation Method:

- To form a corner, remove the centre 'v piece' with a pair of tin snips
- The 2 sections either side can now be bent to form an internal or external corner as required
- Once the corner sections have been put into place, working from the corners, the straight sections of the edge guard can be added using the interlocking male/female connectors
- Upon reaching the centre of each 'run', the edge guard can be cut to length using an angle grinder or hacksaw
- Ensure cuts are made from the correct end to ensure the male connector is not removed
- **Pro-Living® Drainage Trims** are usually held in place by the weight of the green roof

TECHNICAL INFORMATION

Characteristic	Value	Unit
Fire class rating	A2-s1,d0	-
Density	2.71	g/cm ³
Tensile strength	100 – 135	N/mm ²
Yield strength	≥75	N/mm ²
Shear strength	70	N/mm ²
Elongation (A50)	4 – 8	%

Characteristic	Value	Unit
Brinell Hardness	35	HB
Thermal conductivity	229	W/mk
Melting range	645 – 657	°C
Electrical conductivity	58.4	% IACS
Coefficient of Thermal Expansion	23.5 x 10 ⁶	1/K
Elastic Modulus	69000	MPa

SIZE, FINISH AND COLOUR

Product Code	Length mm	Height mm	Width mm	Thickness mm	Colour	Finish
GRDT065050	2400	65	50	1.5	Silver	Aluminium
GRD2065050	2400	65	50	2		
GRDT100075	2400	100	75	1.5		
GRD2100075	2400	100	75	2		
GRDT120075	2400	120	75	1.5		
GRD2120075	2400	120	75	2		
GRDT150095	2400	150	95	1.5		
GRD2150095	2400	150	95	2		
GRDTJOINER	100	-	-	-		

SHELF LIFE AND HANDLING

Always use relevant safe manual handling techniques relevant to a products size and weight.

MATERIAL

Aluminium.

PACKAGING

Wrapped in bubble wrap and packed on a pallet.

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® Drainage Trim** 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.

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