

## PRODUCT DETAILS

Product name **Pro-Living® Inspection Chamber**

Product type **Roof Inspection Chamber**

## PRODUCT DESCRIPTION

**Pro-Living® Inspection Chamber** is a water-permeable aluminium box, designed to go around the outlets of a roof to help contain mass materials such as the growing substrate, and border pebbles of a living roof from entering the drainage system.

The chambers can be made to suit project specific requirements and usually comprise of 3 separate sections: base section, interlocking mid-sections and a lockable lid.

Please contact Proteus Waterproofing to discuss exact requirements for your project.

## APPLICATION

**Pro-Living® Inspection Chamber** is used in inverted roof systems; it is installed on the waterproofing membrane or on the protective layer without any roof penetration.

## TECHNICAL INFORMATION

Characteristic	Unit	Standard
Fire class rating	A2-s1,d0	-
Density	2.71	g/cm <sup>3</sup>
Tensile strength	100 – 135	N/mm <sup>2</sup>
Yield strength	75	N/mm <sup>2</sup>
Shear strength	70	N/mm <sup>2</sup>
Elongation A <sub>50</sub>	4 – 8	%
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 <sup>6</sup>	1/K
Elastic Modulus	69000	MPa

## SHELF LIFE AND HANDLING

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

## MATERIAL

Aluminium (mill finish).

## 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

Product is fully recyclable and disposal of **Pro-Living® Inspection Chamber** 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