

PROTEUS PRO-THERM XPS UPSTAND BOARD



PRODUCT DATASHEET

V1.1 | MARCH 2025



PRODUCT DETAILS

Product name **Proteus Pro-Therm XPS Upstand Board**

Product type Insulated upstand board

PRODUCT DESCRIPTION

Proteus Pro-Therm XPS Upstand Board is constructed using 50mm **Proteus Pro-Therm XPS** insulation slab, factory bonded to a **6mm** external grade high-impact fibre cement facing board.

It enhances energy efficiency in flat roof designs, by insulating parapet walls and upstands.

It effectively blocks heat loss and minimises thermal bridging to the building's interior. Built for durability, this solution features a strong, weather-resistant surface that can be customised with decorative finishes as needed.

Please see **Proteus Pro-Therm Non-Combustible Upstand Board** if you're looking for non-combustible option.

APPLICATION

Proteus Pro-Therm XPS Upstand Board is suitable for use as an insulation solution for:

- Flat roof upstands
- Parapet walls

Proteus Pro-Therm XPS Upstand Board is typically used with the following systems:

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

INSTALLATION

Installation

- Will vary depending on the waterproofing system being installed
- The boards should be cut to size using a skill saw (appropriate PPE to be worn)
- The upstand boards should be installed first and will be held in place by the horizontal insulation at the bottom and at the top with a retaining flashing
- The board should be fixed directly to the upstand wall using **Pro-Bond Foaming** or mechanical fixings. When mechanically fixing, the centres should not exceed **600mm**. Fixings should be positioned at least **50mm** from the top edge of the facing board but should not exceed **200mm**
- It is recommended to avoid using counter sunk fixings and hammer fixings
- The fixing pattern is dependent on the type of fixings used and the substrate in which the fixing is to be secured

TECHNICAL INFORMATION

Characteristics	Value	Unit
Thermal conductivity facing board	0.30	W/m·K

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Characteristics	Value	Unit
Thermal conductivity <small>insulation slab</small>	0.03	W/m·K

SIZE, FINISH AND COLOUR

Product Code	Length mm	Width mm	Thickness mm	Colour
INUPL056	1200	600	56	Grey

Also available in bespoke sizes and thicknesses upon request

STORAGE & HANDLING

- Always use relevant safe manual handling techniques relevant to a products size and weight.
- Products should be stored inside until ready for installation

MATERIAL

Insulation slab	Extruded polystyrene (XPS)
Cementitious facing	Fibre cement

PACKAGING

Supplied on wooden pallets with edge protection and a showerproof polythene cover.

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.

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](#)

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