

PROTEUS PRO-THERM NON-COMBUSTIBLE UPSTAND BOARD



PRODUCT DATASHEET

v1.0 | DECEMBER 2024



PRODUCT DETAILS

Product name Proteus Pro-Therm Non-Combustible Upstand Board
Product type Insulated upstand board

PRODUCT DESCRIPTION

Proteus Pro-Therm Non-Combustible Upstand Board is a 50mm stone wool insulation board bonded to a rigid 6mm exterior-grade fibre cement board.

Product delivers a durable and weather-resistant thermal barrier system for roof upstands and parapet walls, with thermal conductivity of **0.034 W/m·K**.

Easy to handle on site and compatible with a range of waterproofing systems.

Finished composite product achieves **A2-s1,d0** non-combustible reaction to fire classification.

APPLICATION

Proteus Pro-Therm Non-Combustible Upstand Board is suitable for use as an insulation solution on non-combustible substrates for:

- Flat roof upstands
- Parapet walls
- Inverted roofs
- Built up warm roof

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

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

INSTALLATION

Installation method

- Installation will vary depending on the waterproofing system being installed
The boards should be cut to size using a skill saw (appropriate protective goggles and face masks are advised to guard against dust)
- 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 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
- When installed, provided that the top surface is protected by a sill or cover, **Proteus Pro-Therm Non-Combustible Upstand Board** is suitable for long term exposure - for example when used in conjunction with an inverted roof system

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SIZE, FINISH AND COLOUR

Product Code	Length mm	Width mm	Thickness mm	Weight kg	Thermal conductivity W/m-K	Colour
INURS056	1200	600	56	7.5	0.034	Grey

SHELF LIFE AND HANDLING

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

MATERIAL

Exterior-grade rigid fibre cement board adhered to stone wool insulation board.

PACKAGING

72 units per 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.

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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