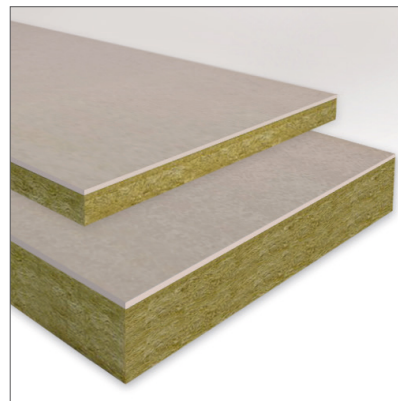


Technical Data Sheet



Mayplas Insulated Upstand Boards are used to provide a reduction of heat loss and stop cold bridging through typical upstand and parapet walls. Used primarily in flat roof designs.

The composite board is available with 2 different insulants, an extruded polystyrene (XPS) and a non-combustible mineral wool bonded onto a 6mm fibre cement board. The finished product has a straight edge profile with smooth surface.



Non-Combustible Stone Mineral Wool Insulated Upstand Board

PRODUCT

FEATURE	BENEFIT
Stone Mineral Wool Insulated Upstand Board is classified as Euroclass A1 non-combustible	Satisfies the most stringent reaction to fire classification and suitable for buildings over 11m
Wide range of thicknesses available	Upgrades the thermal performance of parapet walls and prevents cold bridging
High impact facing board	High durability and resistant to impact damage on site
Bespoke cutting is available	Flexibility to suit site needs

PHYSICAL PROPERTIES

Width	Length	Stone Mineral Wool thickness	XPS thickness
600mm	1200mm	Overall thickness including fibre cement board available from 36-106mm	Overall thickness including fibre cement board available is 56mm only

TECHNICAL PROPERTIES

Water Vapour Resistivity		The XPS content of the XPS Upstand Board has a high water vapour resistivity. Where high water absorption is of concern the XPS Upstand Board may be deemed suitable.
Facing		6mm Fibre Cement Board
Weight of Fibre Cement Board		8.39kg/m ² - 6.05kg per 600 x 1200mm sheet
Reaction to Fire Classification BS EN 13501- 1		Stone Mineral Wool Insulated Upstand Board is classified as Euroclass A1 non-combustible. XPS Insulated Upstand Board has not been classified
Thermal Conductivity	Stone Mineral Wool	0.036 W/mK
	XPS	0.033 W/mK
	Fibre Cement Board	0.24 W/mK
Thermal Resistance (m ² K/W)		Dependent on the overall thickness of product. Ask our technical team for this information.
Management Systems		Certified as meeting the requirements of ISO 9001, ISO 14001, ISO 45001
NBS		Our products can be found on NBS Source

Stone Mineral Wool Insulated Upstand Board in a typical application

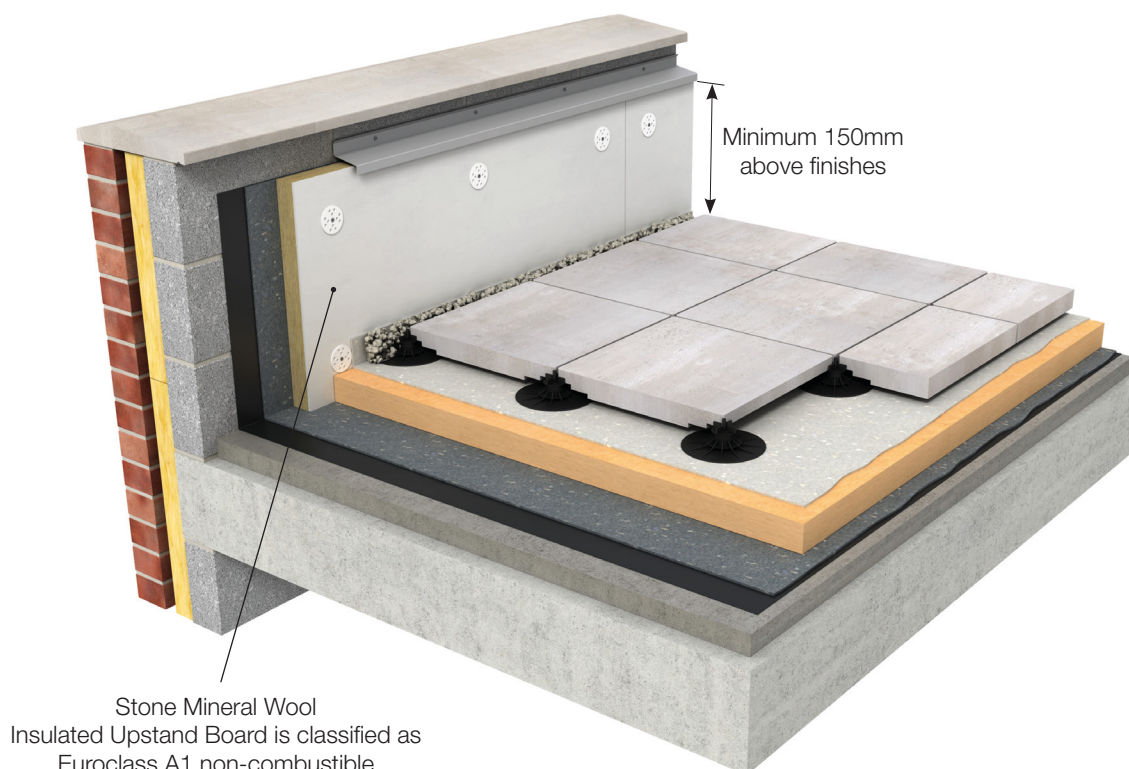


Image intended for illustration purposes only

Installation

When constructing flat roof waterproofing systems, good practice dictates that the minimum required height for upstands is 150mm above the finished roof level. For conventional flat roofs, this height is taken from the surface of the waterproofing.

However, as each roof system is different please consult with the waterproofing system holder's details.

Operation

The product is intended to be static post installation. There is no operator involvement in its use.

Maintenance

The products intended use and design, along with its often-inaccessible location post construction, means there are no maintenance requirements.

Storage and Handling

- keep the product dry and undercover
- suitable handling equipment will be required for bulky products or pallets
- handle carefully so as not to damage the board edges
- DO NOT stack products or pallets as these will become unstable

Health & Safety

- dry working by cutting or handling non-encapsulated products may release fibre / dust
- use suitable PPE for site hazards
- where possible use on tool dust extraction with HEPA filter
- "Machine Made Mineral Fibre" the primary insulant has workplace exposure limits in HSE EH40
- "Nuisance dust" has workplace exposure limits in HSE EH40

Packaging & Product Disposal

- pallets can be readily re-used
- pallet wrap / covers should be placed in an appropriate waste stream
- the product remains in the construction until refurbishment or demolition as such the project lead should apply the contemporary national and local regulations for waste