

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.

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		



Non-Combustible Stone Mineral Wool Insulated Upstand Board

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.

STORAGE

Keep dry during storage and delivery. Products should be stored away from the elements until ready for installation.