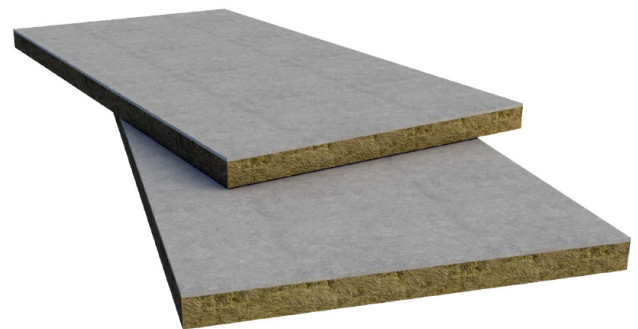


# Product Data Sheet

## HYTHERM MW UPSTAND BOARD Insulation

**Hytherm MW Upstand Board is a non-combustible, stone wool insulation board bonded to a rigid 6mm exterior grade fibre cement board. It is designed for use at upstands and parapet walls as part of a warm roof or inverted roof construction for where there are further considerations for fire performance.**

Hytherm MW Upstand Board is suitable for use on concrete, timber and metal support structures and within a range of Axter waterproofing systems, including fully and partially bonded bitumen systems, mechanically fixed single ply, cold applied liquid and living roofs.



## Key benefits

- Non-combustible and achieves a Euroclass reaction to fire classification of A2-s1,d0.
- Water repellent and non-hygroscopic.
- Thermal conductivity at 0.034 W/mK\*.

\*50mm mineral wool component.

## Technical information

Properties	Unit of measure	Value	Standard
<b>Dimensions</b>			
Length	mm	1200	BS EN 1604
Width	mm	600	BS EN 1604
Thickness	mm	56 (50mm insulation, 6mm cement fibre board)	BS EN 1604
Facing type, side 1	-	Cement coating (reinforced)	-
Declared thermal conductivity	W/mK	0.034 (50mm mineral wool component)	BS EN 12667
Reaction to fire	Euroclass	A2-s1,d0	BS EN 13501-1

## Water resistance and moisture

Whilst Hytherm MW insulation board is not waterproof, it is non-hygroscopic, meaning it will not absorb water from the surrounding air and it can repel limited amounts of moisture. It retains thermal performance even in humid conditions, helping to support the durability of the building fabric.

## Dimensional stability

Hytherm MW Upstand Boards are dimensionally stable when tested to EN 1604 and therefore do not exert any undesirable stress on the fixings or waterproof membrane.

## Fire performance

Hytherm MW Upstand Board achieves a Euroclass reaction to fire classification of A2-s1,d0.

## Installation

Care should always be taken to clean off all surfaces prior to the installation of the boards and membrane.

When fixing Hytherm MW Upstand Boards, a minimum of one centrally located insulation fixing per board is recommended.

In designated walkways or in areas of high foot traffic, a supporting layer should be placed on the roof both during installation and upon completion.

Once installed, Hytherm MW Upstand Board is suitable for long term exposure (e.g. when used as part of an inverted system), provided that the top surface is protected by a sill of cover.

Installation of Hytherm MW Upstand Board will vary depending on the waterproofing system being installed. Please contact Axter Ltd Technical Department for further details, [technical@axterltd.co.uk](mailto:technical@axterltd.co.uk).

## Handling, cutting and storage

Hytherm MW Upstand Boards must be protected from prolonged exposure to sunlight and should be stored either under cover or protected with opaque polythene sheeting. Where possible, packs should be stored inside. If outside, packs should be raised off the ground, not in contact with ground moisture.

The polythene wrapping is not considered adequate protection for outside exposure.

Insulation boards can be readily cut using a fine-toothed saw or panel saw. Ensure that insulation boards are cut square to achieve continuity of insulation without cold gaps between edges.

Appropriate PPE should be worn when handling insulation. Please refer to corresponding Safety Data Sheet on the Axter website.

## Durability

Hytherm MW Upstand Boards, when used as prescribed, do not require any regular maintenance and will remain effective for a life at least as long as that of the roof waterproof covering.

## Environmental

Made from natural materials, Hytherm MW can be recycled and reprocessed reducing landfill costs. It does not contain gases that have ozone depletion potential (ODP) or global warming potential (GWP). It is approximately 97% recyclable. Refer to the Safety Data Sheet for more details.

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