

Description of Product

Alumasc A2 Non-Combustible Upstand Board comprises of 50mm high-density stone wool slab bonded to a rigid 6mm exterior-grade fibre cement board, providing a durable, impact and weather resistant facing to protect the insulation core.

Stone wool is water-repellent and non-hygroscopic, meaning it does not absorb moisture from the surrounding environment and retains its thermal performance even when exposed to humid conditions. This resistance to moisture uptake, combined with its dimensional stability and durability, makes the board suited to exposed roof detailing.

Suitable for insulating flat roof perimeters and vertical details in inverted roof applications, the board is fitted in front of the waterproofing membrane to minimise thermal bridging.

Product Information

Alumasc A2 Non-Combustible Upstand Board	
Product code	TF30056CPR
Composition	Stone wool (volcanic rock)
Facing	Fibre cement
Edge profile	Square
Length / Width	1200 x 600mm (1.2m ²)
Thickness	56mm

Technical Information

Characteristic	Standard	Unit	Value
Reaction to fire	EN 13501-1	Euroclass	A2-s1,d0
Thermal conductivity	EN 13165	W/mK	0.034

Application Information

Boards are to be installed vertically against abutments prior to the installation of the main field insulation. The main field insulation (min. 100mm) must be installed tight against the upstand board to provide lateral restraint, with the completed roof build-up providing additional securement at the base of the detail.

Install boards with all joints tightly butted and free from gaps. Boards shall be accurately cut as required to suit the detailing and may be installed in either orientation. The stone wool core must not be exposed.

Following installation, install a proprietary metal coping or cover flashing at the head of the detail to fully protect the exposed top edge of the insulation.

The thickness of the field insulation directly influences the need for additional restraint to the upstand insulation. As a general guide, no supplementary support is required where the upstand height does not exceed three times the thickness of the adjacent horizontal insulation layer.

Where the upstand height exceeds the stated limits, or where otherwise required, 15mm continuous parallel beads of high-foaming PU adhesive shall be applied to the rear face of the board at 200mm centres. For board heights exceeding 750mm, additional mechanical fixings are to be installed typically at the head of the board, maintaining a minimum distance of 50mm from all board edges.

Upstand height is restricted to a single board length.

Stone wool insulation can be readily cut on site using a fine-toothed handsaw. The fibre cement facing should be cut using a suitable power tool fitted with an appropriate blade to ensure clean, accurate edges.

Storage & Handling

Store flat on a clean, dry surface off the ground and under waterproof protection. Factory packaging is used to wrap the product for transit and is not intended to provide protection during storage. Boards must be kept dry at all times prior to installation.

Consider the load's size, shape, and weight before lifting. Manual handling assessments should be completed for heavy or repetitive lifting in accordance with HSE guidance; refer to document INDG143. Appropriate PPE must be worn as identified in the project risk assessment, Safety Data Sheet, and site-specific requirements.

Health & Safety

Copies of Alumasc Safety Data Sheets can be downloaded from the Alumasc Roofing [website](#).