

Description of Product

Alumasc A1 Roof Board is a non-combustible gypsum-based board designed for applications requiring durability, fire performance, and resistance to moisture. Primarily used directly above the supporting structure to provide continuous support for overlying roof layers within flat roof constructions, in accordance with the functional requirements of BS 6229, the British Standard Code of Practice for flat roofs with continuously supported flexible waterproof coverings.

Key Features

- ✓ Euroclass A1 classification (EN 13501-1)
- ✓ Provides a robust and stable substrate
- ✓ Durable and moisture resistant

Suitable Applications

- ✓ Flat roofs
- ✓ Cold roof, Warm roofs, Inverted roofs
- ✓ Rigid board providing support to overlying materials

Product Information

Alumasc A1 Roof Board	
Product code	RB-12K
Composition	Calcium sulphate dihydrate (Gypsum) core
Facing	Glass fibre mat
Edge profile	Square
Appearance	Green
Length / Width	2400 x 1200mm (2.88m ²)
Thicknesses	12.5mm, 15mm available as special order
Average weight	≤ 12kg/m ²

Technical Information

Characteristic	Standard	Unit	Value
Reaction to fire	EN 13501-1	-	A1
Thermal conductivity	ASTM C 177/ ISO 8302	W/mK	0.25
Flexural breaking load	EN 15283-1:2008	N	Longitudinal: 761 / Transverse: 601
Water absorption	-	%	<5

Application Information

Install in a staggered bond pattern with tightly butted joints. Ensure boards are in full contact with the substrate.

Boards may be installed using either adhesive bonding or mechanical fixing, subject to project-specific design requirements as detailed within the Alumasc specification.

Compatible adhesives:

- Eurorof PU Insulation Adhesive
- Eurorof QC PU Insulation Adhesive

For self-adhesive membrane applications, prime the insulation facer with Eurorof SA Primer prior to installation.

Cut using the score-and-snap method, or mechanical cutting may also be employed where appropriate.

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.

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.

Health & Safety

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