

Product Datasheet

Alumasc Foamglas® T4 Ready Board

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Description

Alumasc Foamglas® T4 Ready Board warm roof insulation is a CFC and HCFC free, non-combustible, foamed glass thermal insulation board, with a closed cell vapour-tight internal structure, with high compressive strength and dimensional stability. The boards are square edged and contain 60% post-consumer recycled glass. The upper side is faced with a bitumen coating, suitable to receive torch-applied bituminous membranes. The underside is glass tissue faced. The board is black in colour. Boards with glass tissue faces on both sides are available for where more than one layer is required.

Use

For use as a thermal insulation board in warm roof assemblies, as an integral part of a waterproofing system. Not suitable for inverted roofs. Available as a preformed modular tapered system to standard gradients.

Application

- Fully bonded in Alumasc PC®58 cold bitumen adhesive (ensure the joints are also bonded with the adhesive).
- Attach the boards as specified with staggered end joints, and in the case of tapered systems, in accordance with the layout drawing.
- Lay with the bituminised side up for torch on systems.
- The boards can be cut with a fine-toothed saw.

Fire Rating

The overall fire rating (to BS 476 pt3:2000 or EN1187/4) will be determined by the nature of the waterproofing and surfacing applied.

Storage

- Store in a clean, dry location, off the floor and away from heat sources. Do not leave exposed to direct sunlight.
- Boards should be stored inside a building wherever possible. If outside storage is unavoidable the packaging should not be relied upon to provide protection from moisture.

Product Data

Standard Thicknesses	40-180mm
Width	600 mm
Length	1200 mm
Density	approx. 115kg/m ³

Performance Data

Thermal Conductivity ('k') value)	0.041 W/m°C
Compressive Strength @ 10%	>600kN/m ²
Ozone Depletion Potential (ODP)	0
Global Warming Potential (GWP)	0
Water vapour resistance	Infinite
BREEAM Green Guide Rating	A
Reaction to Fire (EN13501-1) (core material)	Euroclass A1 (non-combustible, no toxic fumes)
Reaction to Fire (EN13501-1) (finished product)	Euroclass E

Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.

Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: technical@alumascroofing.com

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.