

Product Datasheet

Alumasc Wood-Fibre Cement Board

Sheet No: PDS-INS12
Issued: October 2025
Pages: 1 of 1

Applications

The wood-fibre cement board is used above the Alumasc thermal insulation layer for load distribution.

Properties

The installation board is a sanded, cement-bonded wood-fibre board with a circumferential tongue and groove.

The weight is approx. 22 kg.

- Wood fibres 100 % PEFC-certified
- Robust and heavy-duty
- Easy to lay
- No drying times
- No mechanical fixing
- High footfall sound insulation
- Non-flammable (A2-s1, d0 tested) according to EN 13 501-1

Pack sizes

119 x 62.5 x 2.2 cm l x w x h Wood-Fibre Cement Board.

The boards are supplied with a moisture content which is roughly equivalent to the compensating moisture level for 20 °C and a relative air humidity of 60 %. Equates to a moisture level ex works of 9 % (+/- 3 %).

Colours

Wood brown.

Storage

The installation board must be stored in a dry place on a level, stable surface and protected against damage from impacts and, when stored outdoors, permanently protected against moisture, rain and sunlight. During storage, cover the board with a building tarpaulin and protect it against soil moisture. One-sided drying or moistening leads to a curvature of the cement board.

Conditions for use

In case of temperature and humidity differences, the installation boards must be able to adjust to the ambient climate. Special care must be taken to ensure sufficient air conditioning if the control air humidity at the installation site deviates from the delivery humidity (approx. 65 % air humidity) by more than approx. 10 %.

Application instructions

The installation board must be lifted upwards from the stack and should not be pulled off to the side. The board must be carried vertically and must not be set down on the corner of the panel to avoid damage.

Technical values

Thermal conductivity	0.251 W/(m·K)
Tensile bending strength	min. 9 N/mm ²
Raw density	min. 1300 kg/m ³
Vapour diffusion resistance factor	$\mu = 59.1$ (Sd value 1.30)
Compressive strength	11.7 N/mm ²

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.

Our company policy is one of continuous research and development; we therefore reserve the right to amend content herein without prior notice.

Alumasc Roofing is a trading name of Alumasc Building Products Ltd
Registered in England & Wales No: 2992960