

Product Datasheet

Alumasc Multi-Fix Dual-Density (DD) Mineral Wool

Sheet No: PD108FR

Issued: April 2018

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Description

Alumasc Multi-Fix Dual-Density (DD) Mineral Wool is a dual density, glass mineral fibre faced, thermal insulation board. The boards are square edged and cream in colour. No CFCs, HFCs or HCFCs are used in the manufacture of the product.

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. The mineral wool provides thermal resistance and significant sound insulation. Also available as preformed modular tapered system to standard gradients of 1:60 and 1:80.

Application

- Bond the boards in Alumasc PU Insulation Adhesive directly onto the vapour control layer, with staggered end joints, and, in the case of tapered systems, in accordance with the layout drawing. Lay with the tissue faced side uppermost, and overlay with the specified bituminous waterproofing system, with the underlay fully bonded by torch application.
- Use two or more layers of board where additional thickness is required, each layer bonded in Alumasc PU Insulation Adhesive.
- 30mm Alumasc Multi-Fix Recovery Board can be used to insulate upstands, or as a recovery board in refurbishment overlay systems.
- Consult Alumasc Technical Services where flame-free membrane installation is required adjacent to combustible materials.
- The boards can be cut with a fine-toothed saw.

Fire Rating

The overall fire rating (to BS476 pt3:2000 or EN1187/4) will be determined by the nature of the waterproofing and surfacing applied.

Alumasc Hardrock® Multi-Fix Mineral Wool itself is rated A1 (non-combustible) to EN13501-1.

Storage

Store in a clean, dry location, away from heat sources.

Product Data

Standard thicknesses (tissue faced)	60, 85, 105, 115, 150, 170 & 185mm
Recovery board (tissue faced)	30mm only
Size	1200 x 1000mm
Weight 15mm top face Standard element	Approx 210kg/m ³ Approx 130kg/m ³

Performance Data

Thermal conductivity ('k' value)	0.039 W/mk
Compressive strength @ 10%	80kN/m ²
Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Recycled content	25-50%

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Health & Safety

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

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.