

# Product Datasheet

## Alumasc FF Polyisocyanurate Insulation

Sheet No: PD107FR

Issued: May 2012

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### Description

Alumasc FF Polyisocyanurate Insulation is a CFC and HCFC free rigid urethane thermal insulation board. The boards are square edged, with composite foil facings on both sides. The urethane element is yellow in colour.

### Use

For use as a thermal insulation board under mechanically attached single ply membranes, or thermo adhered and self adhered membranes in warm roof assemblies, as an integral part of the waterproofing system. Not suitable for inverted roofs. Available as a preformed modular tapered system to standard gradients of 1:60 and 1:80.

### Approvals

- Manufactured in accordance with ISO 14001:2004 and ISO 9001:2008.
- PIR foam is produced according to BS EN 13165: 2008 Thermal insulating products for buildings - Factory made rigid polyurethane foam products - specification.
- Alumasc FF Polyisocyanurate Insulation is compliant with BS 4841-4: 2006.

### Application

- Attach the boards as specified with staggered end joints, and, in the case of tapered systems, in accordance with the layout drawing.
- The boards can be cut with a fine toothed saw.

### Fire Rating

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

### Storage

- Store in a clean, dry location, 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 alone cannot under any circumstances be relied upon to provide protection from moisture.
- Boards that have become wet during storage should be replaced accordingly.

### Product Data

Standard Thicknesses	30 - 200mm (increments of 10mm)
Width	1200 mm
Length	2400 mm
Weight	Urethane - approx 32kg/m <sup>3</sup>

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### Performance Data

Thermal Conductivity ('k') value	0.023 W/m°C
Compressive Strength @ 10%	Urethane >150kN/m2
Ozone Depletion Potential (ODP)	Zero

### Health & Safety

Material Safety Data Sheets are available upon request, and can also be downloaded directly from [www.alumascwaterproofing.co.uk](http://www.alumascwaterproofing.co.uk)

### Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Facsimile: +44 (0)1744 648401

Email: [waterproofing@alumasc-exteriors.co.uk](mailto:waterproofing@alumasc-exteriors.co.uk)

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