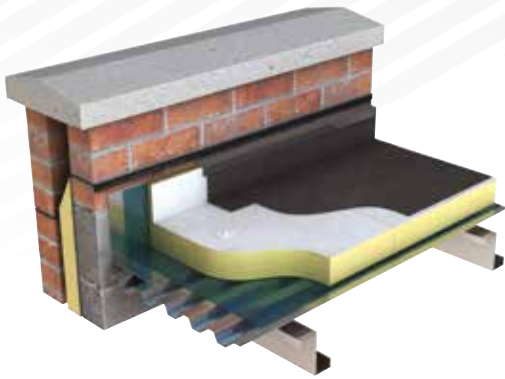


FULLY BONDED INSULATION BOARD



Features

- Durable, market-leading PIR insulation
- 0.024* W/mK lambda
- LPCB LPS 1181 approved
- High compressive strength
- Low Global Warming Potential
- Zero Ozone Depletion Potential

Description

FIX-R Fully Bonded Insulation Board is a durable, market-leading PIR insulation board for built-up felt, mastic asphalt and single-ply membrane waterproofing systems.

This board benefits from high compressive strength and excellent dimensional stability that ensures the flat surface finish required to ensure optimum performance.

With FIX-R Fully Bonded Insulation Board, you are specifying a board that:

- Has a low thermal conductivity value (0.024 W/mK)*, providing an excellent thermal performance.
- When tested in accordance with BS 476-3:2004 and CEN/TS 1187:2012 achieved an EXT.F.AC rating.
- Compressive strength that exceeds 150kPa at yield and is suitable for loads associated with maintenance traffic on roofing systems.
- Is available in a range of thicknesses from 30mm - 160mm and in a board size of 1200mm x 600mm.
- Will not degrade or deteriorate when exposed to moisture, therefore maintaining its thermal performance.

Applications

Warm flat roofs under:

- Built-up felt
- Single-ply waterproofing systems
- Mastic asphalt

* Thickness dependent

Installation Guidelines

For full details of the installation of FIX-R Fully Bonded Insulation Board, please refer to the applications pages of the Specifier's Guide. See applications section for installation and handling.

Thermal Resistance

Thickness (mm)	R-value (m ² K/W)
25	0.96
30	1.15
40	1.50
50	1.90
60	2.30
70	2.65
80	3.20
90	3.60
100	4.00
110	4.40
120	5.00
130	5.40
140	5.80
150	6.25
160	6.65

Product Details

Thermal Conductivity	0.024 W/mK (thicknesses 120mm and above) 0.025 W/mK (thicknesses between 80mm and 119mm) 0.026 W/mK (thicknesses below 80mm)
Compression Strength	Exceeds 150kPa at yield
Moisture Vapour Resistance	Installed value of 15 MNs/g
Fire Performance	Class 1 BS 476 (Part 7)
Dimensions	1200mm (l) x 600mm (w) Available as tapered insulation board
Facing	Perforated mineral coated glass fibre tissue to both sides

Sustainable Solutions

FIX-R Fully Bonded Insulation Board has been designed and manufactured to result in the lowest environmental impact. This drives an 'A rating' in the BRE Green Guide 2008. FIX-R Fully Bonded Insulation Board is manufactured using a blowing agent with zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential).

Specification Clause

The insulation shall be FIX-R Fully Bonded Insulation Board _____ mm thick for use in single ply membrane, built-up felt and mastic asphalt flat roofing applications, manufactured in accordance with an ISO 9001 quality management system and an ISO 14001 environmental management system. It should comprise a rigid polyisocyanurate (PIR) core faced on both sides with a gas tight alkali resistant facing. The product should be manufactured using a blowing agent with zero ODP and low GWP, and be CE marked in accordance with BS EN 13165. FIX-R Fully Bonded Insulation Board should be installed in accordance with FIX-R's recommendations.

Date of issue: Feb 19