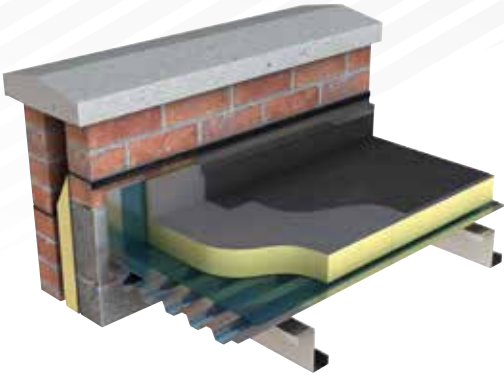


TORCH ON INSULATION BOARD



Features

- High performance, rigid PIR insulation
- 0.024 W/mK lambda*
- High compressive strength
- Manufactured using a blowing agent with zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential)

Description

FIX-R Torch On Insulation Board is a high performance, rigid PIR insulation board for use in warm flat roofs with bituminous torch-on felt waterproofing systems.

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

FIX-R Torch On Insulation Board is lightweight, easy to cut, handle and install and is also available in tapered forms to assist roof drainage.

With FIX-R Torch On 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.
- Will not degrade or deteriorate if exposed to moisture, therefore maintaining its thermal performance.

Applications

Warm flat roofs under:

- Torch on bituminous waterproofing systems

* Thickness dependent

Installation Guidelines

For full details of the installation of FIX-R Torch On 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)
30	1.15
40	1.50
50	1.90
60	2.30
70	2.65
80	3.20
90	3.60
100	4.00
120	5.00
130	5.40
140	5.80
150	6.25

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	Euroclass F
Dimensions	1200mm (l) x 600mm (w)
Facing	Bitumen glass fleece on both sides

Sustainable Solutions

FIX-R Torch On Insulation Board has been designed and manufactured to result in the lowest environmental impact. This drives our 'A rating' in the BRE Green Guide 2008 under element number 1415320205. FIX-R Torch On Insulation Board has a zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential).

Specification Clause

The insulation shall be FIX-R Torch On Insulation Board _____ mm thick for use in torch-on 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 bituminous glass fleece. The product should have a low GWP, zero ODP and achieve a CE marking compliance to BS EN 13165. FIX-R Torch On Insulation Board should be installed in accordance with FIX-R's recommendations.

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