

FGF THERMAL RANGE

FGF THERMAL PIR

Overview

FGF's range of thermal insulated plasterboard features a 12.5 mm tapered edge plasterboard. The board is bonded to a rigid polyisocyanurate foam (PIR) with an aluminium facer on both sides of the insulation board, incorporating an integral vapour control layer.

Applications

The PIR range is suitable for use in walls, ceilings and pitched roof applications in both refurbishment and new-builds where a mid or high level of additional thermal insulation is required. Unsuitable for use in continuously damp areas or humid conditions.

Benefits

- Easy to install
- Solid wall insulation
- Single application saving time
- CFC and HCFC-free
- Zero ODP (Ozone Depletion Potential)
- Improves performance of new and existing builds

Product Range

Length	Width	Thickness	Weight per m ²	Board Thermal Conductivity	PIR Thermal Conductivity	R value	Quantity per pallet
2400 mm	1200 mm	37.5 mm	9.3 kg	0.19 W/mK	0.022 W/mK	1.21 m ² K/W	30
2400 mm	1200 mm	52.5 mm	9.8 kg			1.89 m ² K/W	30
2400 mm	1200 mm	62.5 mm	10.1 kg			2.34 m ² K/W	20
2400 mm	1200 mm	72.5 mm	10.4 kg			2.80 m ² K/W	20
2400 mm	1200 mm	82.5 mm	10.8 kg			3.25 m ² K/W	20
2400 mm	1200 mm	112.5 mm	11.8 kg			4.62 m ² K/W	20

Alternative sizes available on request.

The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

Installation

Recommended methods for this product:

- Dot and dab: secondary mechanical fix with thermally broken fixings, minimum of 9 fixings per board (3 in middle, 1 in each corner, 1 each side mid level)
- Mechanical fix: penetrate drywall screws 25mm into timber batten at least 12 mm from the edge of the board.

Finishing Options

- Tight butt joints
- Seal, tape and joint for continuous VCL
- Plaster skim



FGF produces a vast range of bonded products to support various industries using:

- Mineral wool
- Brick slips
- Plywood
- Cut plasterboard
- Non-combustible board
- Fireboards
- Moisture boards
- Acoustic boards



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