

POLYROOF FOIL-THERM INSULATION

TECHNICAL DATA SHEET

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Introduction

Recommended for use with Polyroof Approved Plywood or OSB3 decks A cost-effective foil-faced PIR insulation board with square edged joints that is ideal for use under a Polyroof approved plywood or OSB3 deck. Alternative applications may be available - consult Polyroof Technical Services for details.

Key Features

- Square edge board.
- For use with a Polyroof approved plywood or OSB3 deck.
- Suitable for use with mechanical fixings.
- Foil faced.
- Economical.

Product Information



Code	Item	Pack Size
107071	30mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107072	40mm Polyroof Foil-Therm Insulation	2400 x 1200mm
107073	50mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107074	60mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107075	70mm Polyroof Foil-Therm Insulation	2400 x 1200mm
107076	80mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107077	90mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107078	100mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107079	110mm Polyroof Foil-Therm Insulation	2400 x 1200mm
107080	120mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107081	130mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107082	140mm Polyroof Foil-Therm Insulation	1200 x 1200mm
107083	150mm Polyroof Foil-Therm Insulation	1200 x 1200mm

Standard Thicknesses: 30 - 150mm (increments of 10mm)

Other Thicknesses: Available by layering insulation boards together (consult Polyroof Technical Services for advice).

Note - insulation thickness is limited to 150mm when mechanically fixing timber decks over insulation. Fillets:

When used with timber decks, use Polyroof's fillet trims (or right angle abutments at balconies).

Product Usage

The board may be used as part of a warm roof system with a Polyroof approved plywood or OSB3 (TG4) deck. The board is designed for mechanical fixings.

Technical Data

Characteristic	Value
Compressive Strength	More than 150kPA at 10% deformation.
Thermal Conductivity	0.022 W/mk (Standard EN 13165).

Preparation and Installation

For guidance concerning installation please consult Polyroof Technical Services.

Storage and Handling

Polyroof Foil-Therm insulation boards must be protected from prolonged exposure to sunlight and stored dry, flat and ideally raised above ground level. Where possible, packs should be stored inside. If stored outside, they should be under a suitable cover.

Health and Safety

Safety Data Sheets available on request.

Technical Assistance

For further information, please contact Polyroof Technical Services on 0800 801 890. More information can also be found at www.polyroof.co.uk.