

# POLYROOF TISSUE-THERM INSULATION TECHNICAL DATA SHEET

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## Introduction

**Recommended for use with Polyroof SA Carrier Layer.**

A cost-effective tissue-faced PIR insulation board with square-edge joints that is ideal for use with the Polyroof SA Carrier Layer. Alternative applications may be available - consult Polyroof Technical Services for details.

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

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

Fillets: Use with Polyroof PIR Tissue-Therm Insulation Fillets

## Key Features

- Tissue faced. Square edge board.
- For use with Polyroof SA Carrier Layer.
- Suitable for use with Polyroof Single or Twin Pack Adhesive.
- Alternatively, the board may be mechanically fixed.
- Available in bespoke cut-to-falls designs.
- Insulated fillets available.

## Product Information



Code	Item	Pack Size
107056	30mm Polyroof Tissue-Therm Insulation	1200mm x 1200mm
107057	40mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107058	50mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107059	60mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107060	70mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107062	80mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107063	90mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107064	100mm Polyroof Tissue-Therm Insulation	1200mm x 600mm

107066	120mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107067	130mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107068	140mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107069	150mm Polyroof Tissue-Therm Insulation	1200mm x 600mm
107037	Polyroof PIR Insulation Fillets	50mm x 1200mm

## Polyroof Tissue-Therm Cut-to-Falls Insulation

Often designed as a single-layer tapered tissue-faced PIR scheme used in conjunction with Polyroof SA Carrier Layer.

An individual quotation is issued for each project, please contact the Polyroof Technical Sales office for details.

## Product Usage

The board may be used as part of a warm roof system, in conjunction with the Polyroof SA Carrier Layer. The board may be mechanically fixed or adhesively bonded.

## Technical Data

Characteristic	Value
<b>Compressive Strength</b>	More than 150kPA at 10% deformation.
<b>Thermal Conductivity</b>	≥120mm: 0.22 W/mK 80 - 99mm: 0.025 W/mK ≤79mm: 0.026 W/mK

## Preparation and Installation

For guidance concerning installation please consult Polyroof Technical Services.

## Storage and Handling

Polyroof Tissue-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](http://www.polyroof.co.uk).