

EUROTHANE[®] SILVER



EUROTHANE SILVER is a premium PIR insulation board for use in warm flat roofs under mechanically fixed single-ply membrane waterproofing systems.

Product Overview

- Premium PIR insulation
- 0.023 W/mK lambda
- Factory Mutual (FM) and LPCB LPS1181 approved
- Low Global Warming Potential
- Zero Ozone Depletion Potential



For Flat Roofs



Lightweight Board



Easy Handling and Installation



ISO 9001



Fire Performance



Moisture Tolerant

NBS Clauses

Details also available in NBS Plus.
NBS users should refer to clause(s):
J42/10, 420

Introduction

EUROTHANE SILVER is a premium PIR insulation board for use in warm flat roofs under mechanically fixed single-ply membrane waterproofing systems.

With EUROTHANE SILVER, you are specifying a board that:

- ▲ Has a low thermal conductivity value (0.023 W/mK) providing an excellent thermal performance.
- ▲ Has Class 1 fire performance in accordance with BS 476 (Part 7).
- ▲ Is available in a range of thicknesses from 30mm – 160mm and in a board size of 2500mm x 1200mm.
- ▲ Will not degrade or deteriorate if exposed to moisture, therefore maintaining its thermal performance.
- ▲ Is Factory Mutual (FM) and LPCB LPS1181 approved.

Applications

- ▲ Warm flat roofs under mechanically fixed single-ply membrane waterproofing systems.

Installation Guidelines

For full details of the installation of EUROTHANE SILVER, please refer to the applications pages of the relevant Specifier's Guide.

See applications section for installation and handling.



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EUROTHANE SILVER Thermal Resistances



Product Code	Thickness (mm)	R-value (m ² K/W)
64030/001	30	1.30
64030/002	40	1.70
64030/003	50	2.15
64030/004	60	2.60
64030/005	70	3.00
64030/006	80	3.45
64030/089	90	3.90
64030/007	100	4.30
64030/128	110	4.75
64030/129	120	5.20

Product Details

Thermal Conductivity	0.023 W/mK
Compression Strength	>150kPa
Moisture Vapour Resistance	Installed value of 100 MNs/g
Fire Performance	Class 1 BS 476 (Part 7)
Tensile Strength	Installed value of 80kPa min
Dimensions	2500mm (l) x 1200mm (w) Available as tapered insulation board.
Facing	Multilayer coated aluminium on both sides
Certification	Factory Mutual (FM) approved LPCB (LPS 1181) approved

Sustainable Solutions

Recticel EUROTHANE SILVER has been designed and manufactured to result in the lowest environmental impact. EUROTHANE SILVER has a zero ODP (Ozone Depletion Potential) and a GWP (Global Warming Potential) rating of below 5.

Specification Clause

The insulation shall be Recticel EUROTHANE SILVER ____mm thick for use in mechanically fixed single-ply membrane flat roofing applications, manufactured in accordance with an ISO 9001 quality management system. It should be FM and LPCB approved and comprise a rigid polyisocyanurate (PIR) core faced on both sides with a gas tight multilayer composite aluminium foil facing. The product should have a GWP of below 5, a zero ODP and achieve a CE marking compliance to BS EN 13165. EUROTHANE SILVER should be installed in accordance with Recticel's recommendations.

Typical U-values

U-values will vary depending on application and construction. To obtain a calculation under the BBA Competent Person Scheme, email technicalservices@recticel.com

Contact Details

Technical Desk

For all technical enquiries or requests for product support, please contact:

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