

EUROTHANE® EURODECK



EUROTHANE EURODECK is a high performance rigid PIR foam board for use in warm flat roofs under mechanically fixed single-ply membrane systems.

Product Overview

- High performance PIR insulation
- 0.022 W/mK lambda
- High compression strength
- Low Global Warming Potential
- Zero Ozone Depletion Potential



For Flat Roofs



Lightweight Board



Easy Handling and Installation



ISO 9001 and ISO 14001



Fire Performance



Moisture Tolerant

NBS Clauses

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

Introduction

EUROTHANE EURODECK is a high performance rigid PIR foam board for use in warm flat roofs under mechanically fixed single-ply membrane systems.

With dimensional stability and a super-flat surface, the board benefits from a high compression strength that exceeds 150kPa at yield and is suitable for loads associated with maintenance traffic on roofing systems.

With EUROTHANE EURODECK, you are specifying an insulation board that:

- ▲ Has a low thermal conductivity value (0.022 W/mK) providing an enhanced thermal performance.
- ▲ Compression strength exceeds 150kPa at yield.
- ▲ Has Class 1 fire performance in accordance with BS 476 (Part 7).
- ▲ Will not degrade or deteriorate if exposed to moisture, therefore maintaining its thermal performance.

Applications

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

Installation Guidelines

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

See applications section for installation and handling.



Continued overleaf...



INSULATION EXCELLENCE

EUROTHANE EURODECK Thermal Resistances



Product Code	Thickness (mm)	R-value (m ² K/W)
64685/003	60	2.70
64685/004	70	3.15
64685/015	75	3.40
64685/005	80	3.60
64685/006	90	4.05
64685/007	100	4.50
64685/008	110	5.00
64685/009	120	5.45

Product Details

Thermal Conductivity	0.022 W/mK
Compression Strength	Exceeds 150kPa at yield
Moisture Vapour Resistance	Installed value of 100 MNs/g
Specific Heat Capacity	1.4kJ/kgK
Fire Performance	Class 1 BS 476 (Part 7)
Dimensions	2400mm (l) x 1200mm (w) Available as tapered insulation board
Facing	Multilayer coated aluminium on both sides.

Sustainable Solutions

Recticel EUROTHANE EURODECK 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 815320017. EUROTHANE EURODECK 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 EURODECK ____mm thick for use in single-ply membrane 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 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 EURODECK 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:

Freephone

0800 0854079

Email

technicalservices@recticel.com

Online

For further information visit www.recticelinsulation.co.uk

Recticel Insulation

Enterprise Way, Whittle Road
Meir Park, Stoke-on-Trent
Staffordshire ST3 7UN

Tel: +44 1782 590470

Fax: + 44 1782 590497

