



Eurothane® GP

Eurothane GP is a thermal insulation board. Its core consists of rigid polyisocyanurate PIR foam. The board is faced with a gas diffusion tight multilayer foil on both sides. Grid pattern on both sides.

Application(s)

Thermal insulation of Pitched roofs, Framed walls, Floors (compatible with underfloor heating systems).

Board

| Description | Value | Unit | Tolerances | Standard |
|------------------------------|---|-------------------|------------|----------|
| Dimensions | | | | |
| Length | 2400 | mm | | |
| Width | 1200 | mm | | |
| Thickness range | 25 – 160 | mm | T2 | EN 823 |
| Density (core volume weight) | ± 30 | kg/m ³ | | |
| Appearance | | | | |
| Facing | Gas diffusion tight multilayer foil on both sides and grid on both sides. | | | |
| Edge finishing | Straight edges | | | |

Essential characteristics

| Description | Standard | EN code | Value | Unit |
|---|---------------|-----------------|-------|-------|
| Thermal conductivity (declared value) | | | | |
| All thicknesses | EN 13165 | λ_D | 0.022 | W/m.K |
| Mechanical properties | | | | |
| Compressive stress or compressive strength at 10% deformation thickness <50 mm | EN 826 | CS(10/ Y)120 | ≥120 | kPa |
| Compressive stress or compressive strength at 10% deformation thickness 50-160 mm | EN 826 | CS(10/ Y)140 | ≥140 | kPa |
| Fire behaviour | | | | |
| Reaction to fire (product as such) | EN 13501-1 | Euroclass | F | |

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Recticel Insulation

Zuidstraat 15, 8560 Wevelgem, Belgium

www.recticelinsulation.com

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| | | | | |
|--|--------------------|---------|----------|------------------|
| Fire performance | BS 476 (part 7) | Class 1 | | |
| Hygrometric properties | | | | |
| Water vapour diffusion coefficient (foam) | EN ISO 10456 | μ | 50 - 100 | (tab. values) |

Insulation Values

| Thickness (mm) | λD-value (W/mK) | RD-value (m ² K/W) |
|----------------|-----------------|-------------------------------|
| 25 | 0.022 | 1.10 |
| 30 | 0.022 | 1.35 |
| 40 | 0.022 | 1.80 |
| 50 | 0.022 | 2.25 |
| 60 | 0.022 | 2.70 |
| 65 | 0.022 | 2.95 |
| 70 | 0.022 | 3.15 |
| 75 | 0.022 | 3.40 |
| 80 | 0.022 | 3.60 |
| 85 | 0.022 | 3.85 |
| 90 | 0.022 | 4.05 |
| 100 | 0.022 | 4.50 |
| 110 | 0.022 | 5.00 |
| 120 | 0.022 | 5.45 |
| 130 | 0.022 | 5.90 |
| 140 | 0.022 | 6.35 |
| 150 | 0.022 | 6.80 |
| 160 | 0.022 | 7.25 |

Standards & Certificates

Standards

| | |
|--------------------------|-------------------------|
| Product standard | EN 13165:2012 + A2:2016 |
| Production | ISO 9001:2015 |
| Environmental management | ISO 14001:2015 |

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Certificates

BBA

Certificate 02/3905

(25-160mm)

Other / Miscellaneous

Production plant

Stoke-on-Trent

Enterprise Way, Whittle road, Meir park Stoke-on-Trent Staffordshire ST3 7UN

Storage/handling

The packaging in which the product is supplied, is not suitable for outside storage. Boards should be kept, dry, stored clear of the ground and covered with a weatherproof sheet, and protected from direct sunlight. Boards that have been allowed to get wet, should not be used.

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