



Celotex PL4000




PIR Plasterboard Laminate for Multiple Applications

Celotex PL4000 is a high performance, easy to install polyisocyanurate (PIR) insulation board with a paper facing, laminated to a piece of 12.5mm tapered edge plasterboard. Available in thicknesses from 25mm to 65mm (insulation only), it is suitable for use in roof and internal wall lining applications.


Features and Benefits

Thermal




Thermal performance
Excellent thermal performance with a thermal conductivity of 0.022 W/m.K, reducing the thickness of insulation required to hit the target U-value

Time saving




Time saving
Celotex PL4000 brings together both insulation and plasterboard creating a 2-in-1 solution to insulate and dry line walls or roofs at the same time

Easy to install




Lightweight and easy to install
Celotex boards are light and rigid making them easy to transport, handle and fit

BBA certified



BBA certified
Celotex PL4000 has been assessed by the BBA for its defined applications and compliance with the relevant Building Regulations. For more information visit: [Insulation-UK.com/BBA](https://www.insulation-uk.com/BBA)

Sustainability



Sustainability
Celotex PL4000 achieves a BRE Green Guide Rating of A+, demonstrating its environmental performance in BREEAM applications

Product Specification

| Thickness | 25+12.5mm | 40+12.5mm | 50+12.5mm | 60+12.5mm | 65+12.5mm |
|------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Lambda Value (W/m.K) | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |
| R-Value including plasterboard (m ² .K/W) | 1.20 | 1.85 | 2.30 | 2.75 | 3.00 |
| Length (mm) | 2400 | 2400 | 2400 | 2400 | 2400 |
| Width (mm) | 1200 | 1200 | 1200 | 1200 | 1200 |
| Maximum weight (kg/m ²) | 9.99 | 10.46 | 10.96 | 11.31 | 11.48 |
| Pieces per Pallet | 52 | 44 | 36 | 32 | 28 |



Publish date: October 2020
Reference code: 001-403

Celotex
SAINT-GOBAIN



CHARACTERISTICS

Product Specification

| Characteristic | Description |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermal | The PIR component of Celotex PL4000 has a declared thermal conductivity of 0.022 W/m.K according to BS EN 13165 for factory made rigid polyurethane foam (PU) products |
| Reaction to Fire | Euroclass B-s1, d0 Reaction to Fire classification, according to BS EN 13501-1 |
| Environmental | All Celotex products are manufactured under Environmental Management System - ISO 14001:2015 |
| BRE statements | Achieves a BRE Green Guide rating of A+. Certificate number ENP413 |
| Quality | All Celotex products are manufactured under Quality Management Standard - ISO 9001:2015 |
| Building regulations | Helps to meet the requirements of UK thermal building regulations |
| Handling, storage, health and safety | Information regarding storage, installation and handling of Celotex products, or health & safety information, can be found here |
| Certification | BBA Approved (Cert no 16/5357) plasterboard laminate solution. CE Marked (18.DOPPL4000-01) to BS EN 13950 |

Customer Services Team

Tel: 01473 820820

Email: iukcustomerservice@saint-gobain.com

Celotex Address:

Lady Lane Industrial Estate, Hadleigh, IP7 6BA

Technical Support Team

Tel: 01473 820850

Email: technicalsupport@saint-gobain.com

Insulation-UK.com

Celotex has a policy of continuous product development and reserves the right to alter product designs or specifications without prior notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Celotex will endeavor to ensure publications are up to date, it is the users responsibility to check with us that it is correct prior to use. Saint-Gobain Insulation UK (comprised of Celotex and Saint-Gobain Isover UK Limited. ("Saint-Gobain Insulation UK", "Celotex", and "Isover").

Celotex
SAINT-GOBAIN