

# 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 <sup>2</sup> .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 <sup>2</sup> )	9.99	10.46	10.96	11.31	11.48
Pieces per Pallet	52	44	36	32	28



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# CHARACTERISTICS

## Product Specification

Characteristic	Description
<b>Thermal</b>	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
<b>Reaction to Fire</b>	Euroclass B-s1, d0 Reaction to Fire classification, according to BS EN 13501-1
<b>Environmental</b>	All Celotex products are manufactured under Environmental Management System - ISO 14001:2015
<b>BRE statements</b>	Achieves a BRE Green Guide rating of A+. Certificate number <a href="#">ENP413</a>
<b>Quality</b>	All Celotex products are manufactured under Quality Management Standard - ISO 9001:2015
<b>Building regulations</b>	Helps to meet the requirements of UK thermal building regulations
<b>Handling, storage, health and safety</b>	Information regarding storage, installation and handling of Celotex products, or health & safety information, can be found <a href="#">here</a>
<b>Certification</b>	BBA Approved (Cert no 16/5357) plasterboard laminate solution. CE Marked (18.DOPPL4000-01) to BS EN 13950

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