



Celotex TB4000



PIR Insulation for Multiple Applications

Celotex TB4000 is a high performance, easy to install polyisocyanurate (PIR) insulation board featuring a low emissivity foil facing. Available in thicknesses from 20mm to 40mm, it is suitable for floor, wall and roof applications.

Features and Benefits



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



High performance facer

Low emissivity foil facing provides improved thermal performance in cavity air spaces, improving the achieved U-value



Lightweight and easy to install

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



BBA certified

Celotex TB4000 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

Celotex TB4000 achieves a BRE Green Guide Rating of A, demonstrating its environmental performance in BREEAM applications

Product Specification

Stocked Thickness	20mm	25mm	30mm	40mm
Lambda Value (W/m.K)	0.022	0.022	0.022	0.022
R-Value (m ² .K/W)	0.90	1.10	1.35	1.80
Length (mm)	2400	2400	2400	2400
Width (mm)	1200	1200	1200	1200
Maximum weight (kg/m ²)	0.79	0.95	1.10	1.41
Pieces per Pallet	120	96	80	60



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CHARACTERISTICS

Product Specification

Characteristic	Description
Thermal	Celotex TB4000 has a declared thermal conductivity of 0.022 W/m.K in accordance to BS EN 13165 for factory made rigid polyurethane foam (PU) products
Reaction to Fire	Euroclass E Reaction to Fire classification, in accordance 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 17/5405, 16/5352) for floors, dry lining, pitched roof and timber frame applications. CE Marked (18.DOPTB4000-01) to BS EN 13165.

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