Product Data Sheet
Application: Multi-Purpose

CELOTEX XR4000

PIR Insulation for Multiple Applications

Celotex XR4000 is an easy to install polyisocyanurate (PIR) insulation board with excellent thermal performance, featuring a low emissivity foil facing. Available in thicknesses from 110mm to 200mm, it can be considered for roof, wall and floor applications.

Features & 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 sealed cavity air spaces, improving the achievable U-value.

Sustainability

Celotex XR4000 achieves a BRE Green Guide Rating of A, which can assist in demonstrating environmental performance in your BREEAM assessments. Please visit the Celotex page at GreenBookLive.com for further details.

Easy to Install

Celotex boards are light and rigid assisting with ease of transportation, handling and fitting.

BBA Certified

Celotex XR4000 has been assessed by the BBA as fit for use in defined roof, wall and floor applications if installed, used and maintained as set out in the certificate. Please read the certification at insulation-UK.com/BBA for full details and restrictions.

Key Considerations

When using Celotex XR4000, you need to satisfy yourself that use of the product meets all relevant national Building Regulations and guidance as well as local, national and other applicable standards relevant for your construction or application, including requirements in relation to fire and applicable height restrictions.

Please refer to the following product documents which are available at insulation-uk.com/products/celotex-xr4000 (product properties) and insulation-uk.com/healthandsafety (safety properties):

- BBA certificate
- Declaration of Performance
- Health & safety datasheet

Celotex XR4000 should not be used in the external walls of buildings over 11 metres in height. Recent changes to Building Regulations mean that only non-combustible insulation or insulation of limited combustibility should be used in buildings of that height.

Product Specification

Thickness (mm)	Lambda Value (W/m.K)	R-Value (m^2.K/W)	Length (mm)	Width (mm)	Maximum Weight (kg/m^2)	Pieces per Pallet
110	0.022	5.00	2400	1200	4.54	20
120	0.022	5.45	2400	1200	4.93	20
130	0.022	5.90	2400	1200	5.32	18
140	0.022	6.35	2400	1200	5.71	16
150	0.022	6.80	2400	1200	6.10	16
165	0.022	7.50	2400	1200	6.69	12
200	0.022	9.05	2400	1200	8.06	12

Characteristics

Thermal	Celotex XR4000 has a declared thermal conductivity of 0.022 W/m.K, according to BS EN 13165 for factory made rigid polyurethane foam (PU) products.
Fire	Euroclass F Reaction to Fire classification, according to BS EN 13501-1. Products with this level of classification are not provided with a rating for smoke emission.
Environmental	All Celotex products are manufactured under Environmental Management System – ISO 14001:2015. Celotex has complied with the requirements of Environmental Profile BRE Global Scheme Document SD028 and BRE Methodology for Environmental Profile of Construction Products SD6050. Celotex XR4000 has obtained the BRE Global Certification Mark. Certificate number ENP413.

Certification	BBA Approved (Cert no 17/5405) for floors, dry lining and pitched roof applications, when installed, used and maintained as set out in the certification. Please visit insulation-uk.com/BBA to read the full certification for details and restrictions. UKCA Marked to BS EN 13165
Handling, Storage, Health and Safety	Information regarding storage, installation and handling of Celotex products and health & safety information (including as to products of combustion), can be found at insulation-uk.com/healthandsafety
Quality	All Celotex products are manufactured under Quality Management Standard – ISO 9001:2015.

CELOTEX

Lady Lane Industrial Estate,
Hadleigh IP7 6BA

Customer Service -
Order Placement and Enquiries

Tel: 01473 820820
Email: iukcustomerservice@saint-gobain.com

Technical Support Centre

Tel: 01473 820850
Email: technicalsupport@saint-gobain.com

insulation-uk.com

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Celotex reserves the right to amend or revise product specification without notice.
The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user,
who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit
the website at insulation-uk.com

CELOTEX: Lady Lane Industrial Estate, Hadleigh, Ipswich, Suffolk, IP7 6BA. Tel +44 (0) 1473 822093.
Saint-Gobain Construction Products UK Limited trading as Celotex, Registered in England. Company Number 00734396.
Registered Office: Saint-Gobain House, East Leake, Loughborough, Leicestershire LE12 6JU.