




# Celotex XR4000





## PIR Insulation for Multiple Applications


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

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

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

**BBA certified**  
  
 Celotex XR4000 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 XR4000 achieves a BRE Green Guide Rating of A, demonstrating its environmental performance in BREEAM applications

## Product Specification

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





# CHARACTERISTICS

## Product Specification

Characteristic	Description
<b>Thermal</b>	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
<b>Reaction to Fire</b>	Euroclass E 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 17/5405, 16/5352) for floors, dry lining, pitched roof and timber frame applications. CE Marked (18.DOPXR4000-01) to BS EN 13165

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