



Cronus® is an insulation board with a core of rigid polyisocyanurate (PIR) foam, faced on one side with a glass fibre reinforced polyester and on the back side faced with an aluminium foil.

Application(s)

Thermal insulation for industrial and agricultural buildings

Product

Description	Value	Unit	Tolerances	Standard
Dimensions				
Length	5000, 6500	mm		
Width	1225	mm		
Thicknesses	30, 40, 50, 60, 80	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		
Appearance				
Facing	A glass fibre reinforced polyester on one side and an aluminium foil (50 micron) on the back side			
Edge finishing	Straight edged (rebate on demand)			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.024	W/mK
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)120	≥120	kPa
Tensile strength perpendicular to faces	EN 1607	TR80	≥80	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	F	

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Recticel Insulation

Enterprise Way, Whittle Road, Meir Park, Stoke-on-Trent, Staffordshire, ST3 7UN, UK

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Description	Standard	EN code	Value	Unit
Hygrometric properties				
Water vapour diffusion resistance factor (foam) (tabulated value)	EN ISO 10456	μ	50-100	

Insulation Values		
Thickness (mm)	λ _D -value (W/mK)	R _D -value (m ² K/W)
30	0.024	1.25
40	0.024	1.65
50	0.024	2.05
60	0.024	2.50
80	0.024	3.30

Standards & Certificates	
Standards	
Product standard	EN 13165:2012 + A2:2016
Production	ISO 9001:2015
Environmental management	ISO 14001:2015
Certificates	
VOC:	A+

Other / Miscellaneous		
Production Plant		
Bourges	1 rue Ferdinand de Lesseps, FR-18000 Bourges	
Wevelgem	Zuidstraat 15, BE-8560 Wevelgem	

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