

Eurofloor® Xentro



Eurofloor Xentro is a thermal insulation board. Its core consists of rigid polyisocyanurate PIR foam developed with Xentro technology. The board is faced with a gas diffusion tight multilayer foil on both sides. Grid pattern on one side.

Application(s)

Floor insulation (compatible with underfloor heating systems)

Board

Description	Value	Unit	Tolerances	Standard
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Dimensions

Length	2400	mm		
Width	1200	mm		
Thickness range	20-120	mm	T2	EN 823
Density (core volume weight)	± 32	kg/m ³		

Appearance

Facing	Gas diffusion tight multilayer foil of which one side is reflective with grid pattern and the other side alkali resistant (mat grey).			
Edge finishing	Straight edges.			

Essential Characteristics

Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ_D	0.019	W/m.K
Mechanical properties				
Compressive stress or compressive strength at 10% deformation	EN 826	CS(10/Y)120	≥ 120 (except 20 mm NPD)	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclasse	NPD	

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Recticel Insulation

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

Insulation Values		
Thickness (mm)	λ _D -value (W/mK)	R _D -value (m ² K/W)
20	0.019	1.05
40	0.019	2.10
60	0.019	3.15
80	0.019	4.20
90	0.019	4.70
100	0.019	5.25
120	0.019	6.30

Standards & Certificates	
Standards	
Product standard	EN 13165:2012 + A2:2016
Production	ISO 9001:2015
Environmental management	ISO 14001:2015
Certificates	
Keymark	001-BK-514-0004-0042-W001
ATG/H	954

Other / Miscellaneous	
Production plant	
Wevelgem	Zuidstraat 15, BE-8560 Wevelgem, Belgium
Storage/handling	
Storage	Stock dry and protected from direct sunlight

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