

EUROPIR® STANDARD

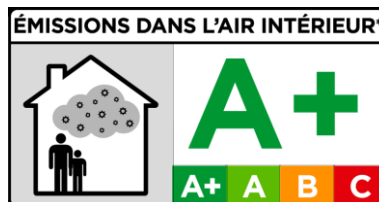
THERMAL INSULATION PIR BOARDS FOR CEILINGS, FOUNDATIONS, ROOFS, FLOORS

PRODUCT DESCRIPTION

EUROPIR® – Rigid high performance PIR (polyisocyanurate) boards without facing. Intended for thermal insulation in building construction particularly suitable for thermal insulation of ceilings, foundations, floors and roofs in residential and public buildings.

ADVANTAGES

- Very low heat transfer coefficient.
- Lightness and handiness of the board.
- Easy to handle, shape and assemble.
- Thermal performance consistency.
- For internal and external insulation.
- Water and moisture resistant.
- Good chemical resistance.
- Human and environmental friendly.



DIMENSIONS

Parameter	Unit	Value	Additional information
Length	mm	1000	Standard size. Other dimensions available on request.
Width	mm	1200/1000/500	
Thickness	mm	20-200	
Colour	-	Light yellow	

TECHNICAL DATA

Parameter	Unit	Value	Standard/Norm
Reaction to fire	Euroclass	E	PN EN 13165, EN 13501-1
Compressive strength	kPa	≥150	PN EN 13165, EN 826
Tensile strength	kPa	≥100	PN EN 13165, EN 1607
Short term water absorption by partial immersion	kg/m ²	<0,15	PN EN 13165, EN 1609
Long term water absorption by partial immersion	kg/m ²	<0,32	PN EN 13165, EN 12087
Long term water absorption by total immersion	% (vol/vol)	<1,7	PN EN 13165, EN 12087
Closed cell content	%	>90	PN EN 13165, ISO 4590
Dimensional stability (length, width / thickness) 70°C/90% r.h.	%	≤2 / ≤6	PN EN 13165, EN 1604
Dimensional stability (length, width / thickness) -20°C.	%	≤0,5 / ≤2	PN EN 13165, EN 1604
Thermal conductivity			
Declared thermal conductivity coefficient d<80 mm	W/mK	λ _d ≤ 0,025	PN EN 13165, EN 12667
Declared thermal conductivity coefficient 80≤d<120 mm		λ _d ≤ 0,024	
Declared thermal conductivity coefficient ≥120 mm		λ _d ≤ 0,023	
Working temperature range	°C	-120 do +120	-

ADDITIONAL INFORMATION

Warranty and legal information	The information and recommendations are provided to the best of our knowledge and are believed to be accurate, but no warranty is given. Purchasers should test the products to determine their suitability for the intended application. PCC Therm Sp. z o.o. reserves the right to change the document's content at any time and to any extent.
Storage and usage conditions	Protect from light/UV. Prolonged contact with water or moisture can lead to surface soaking - dry the product before installation. When storing outdoors, do not store directly on the ground (e.g. use pallets). Dust off the surfaces of the boards with a brush before installation.
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