

EUROPIR® ETICS

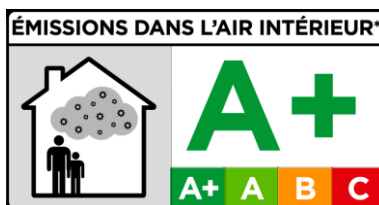
THERMAL INSULATION PIR BOARDS

PRODUCT DESCRIPTION

EUROPIR® ETICS – Rigid high performance PIR (polyisocyanurate) boards without facing. For use as thermal insulation in building construction particularly suitable for external walls in the ETICS system. The boards combine outstanding thermal resistance with high mechanical parameters. EUROPIR® ETICS is a perfect solution to improve the sustainability and the energy efficiency of both new and existing buildings.

ADVANTEGES

- Very low heat transfer coefficient.
- Light weight.
- Easy to handle and install.
- Continuous thermal performance.
- Very low water absorption.
- Good chemical resistance.
- Human and environmental friendly.



BOARDS PARAMETERS

Parameter	Unit	Value	Additional information
Length	mm	1000	Dimensions and tolerances according to EN 13165. Other dimensions available on request.
Width	mm	600	
Height	mm	20-200	
Colour	-	light yellow	

MATERIAL SPECIFICATION

Parameter	Unit	Value	Standard/Norm
Reaction to fire	Euroclass	E	EN 13165, EN 13501-1
Compressive strength	kPa	≥150	EN 13165, EN 826
Tensile strength	kPa	≥100	EN 13165, EN 1607
Short term water absorption by partial immersion	kg/m ²	<0,15	EN 13165, EN 1609
Long term water absorption by partial immersion	kg/m ²	<0,32	EN 13165, EN 12087
Long term water absorption by total immersion	% (vol/vol)	<1,7	EN 13165, EN 12087
Close cell content	%	>90	EN 13165, ISO 4590
Dimensional stability (length, width/thickness) 70°C/90% r.h.	%	≤2 / ≤6	EN 13165, EN 1604
Dimensional stability (length, width/thickness) - 20°C.	%	≤0,5 / ≤2	EN 13165, EN 1604
Thermal conductivity: Declared thermal conductivity d<80 mm Declared thermal conductivity 80≤d<120 mm Declared thermal conductivity ≥120 mm	W/mK	λ _d ≤ 0,025 λ _d ≤ 0,024 λ _d ≤ 0,023	EN 13165, EN 12667
Working temperature range	°C	-120 do +120	-
Water vapour transmission	-	μ=80-120	EN 13165, EN 12086

ADDITIONAL INFORMATION

Warranty and legal information	The information and recommendations are given to the best of our knowledge and are believed to be accurate at the time of writing. The purchaser is obliged to independently verify the properties and suitability of the product for the intended use, unless relevant documents have been issued, e.g. ETA, determining the specific conditions and use of the product. PCC Therm Sp. z o.o. reserves the right to make changes to this document at any time and to any extent.
Storage and usage conditions	Protect from light/UV. Prolonged contact with water or moisture can lead to soaking - dry the product before application. When storing outdoors, do not store directly on the ground (e.g. use pallets). before installation dust off the surfaces of the boards or use adhesive grouting.
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