

EUROPIR® ETICS

THERMAL INSULATION PIR BOARDS

PRODUCT DESCRIPTION

EUROPIR® ETICS – high performance thermal insulation boards made of polyisocyanurate (PIR) foam with no facings. The product is dedicated to external walls in the ETICS system. The boards have an outstanding thermal conductivity combined with high mechanical and physical parameters. EUROPIR® ETICS is a perfect solution to improve the sustainability and the energy efficiency of both new and existing buildings..

ADVANTAGES

- High thermal performance.
- High mechanical strength combined with low weight.
- Easy cutting to size, polishing and fitting.
- For internal and external usage.
- Chemical resistance.
- Immunity to mould, fungi and microorganisms.
- High class (A+) of air quality – no VOC emissions.
- Material that is safe for humans and friendly to natural environment.
- Durable material that maintain their features through the years.



BOARDS PARAMETERS

Parameter	Unit	Value	Additional information
Length	mm	1000	Standard size.
Width	mm	600	
Thickness	mm	20-200	
Color	-	yellow	

MATERIAL SPECIFICATION

Parameter	Unit	Value	Standard/Norm
Reaction to fire	Euroclass	E	PN EN 13165, EN 13501-1
Mechanical (compression) strength	kPa	≥150	PN EN 13165, EN 826
Tensile strengths perpendicular to faces	kPa	≥120	PN EN 13165, EN 1607
Short term water absorption by total immersion	kg/m²	<0,15	PN EN 13165, EN 1609
Long term water absorption by partial immersion	kg/m²	<0,32	PN EN 13165, EN 12087
Long term water absorption by total immersion	% (vol/vol)	<1,7	PN EN 13165, EN 12087
Close cells	%	>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 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	PN EN 13165, EN 12667
Working temperature range	°C	-120 do +120	-

ADDITIONAL INFORMATION

Guarantee and legal information	The information and recommendations are provided to the best of our knowledge and are believed to be accurate, but no warranties are made. Purchasers should test the products to determine their suitability for the intended use. PCC Therm Sp.z o.o. reserves the right to make changes to the content of the document at any time and in the scope.
Terms of storage and use	Protect from light/UV. Prolonged contact with water or moisture may lead to surface soaking of the boards, in which case drying is recommended. When stored outdoors, do not store directly on the ground, use e.g. pallets. Dust off the panel surfaces with a brush before installation.
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