

EUROPIR® DUAL

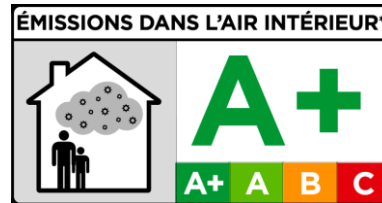
THERMAL INSULATION PIR BOARDS WITH CLINKER TILE GUIDES

PRODUCT DESCRIPTION

EUROPIR® DUAL – high performance PIR (polyisocyanurate) without facing. For use as thermal insulation in building construction. Specially designed mounting guides allow easy installation of 3 different clinker tile types (RF/NF/WDF) on insulated facades.

ADVANTAGES

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



DIMENSIONS

Parameter	Unit	Value	Additional information
Length	mm	900	Standard size.
Width	mm	578	Guides and dimensions tailored as requested.
Thickness	mm	50-200	
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		$\lambda_d \leq 0,025$	
Declared thermal conductivity coefficient 80≤d<120 mm	W/mK	$\lambda_d \leq 0,024$	PN EN 13165, EN 12667
Declared thermal conductivity coefficient ≥120 mm		$\lambda_d \leq 0,023$	
Working temperature range	°C	-120 do +120	-

ADDITIONAL INFORMATION

Warranty and legal information	The information and recommendations are given 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 soaking - dry the product before application. 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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