



## THERMAL INSULATION BOARDS

### **EUROPIR®**

- Two-layer exterior walls (ETICS)
- Three-layer exterior walls
- Walls finished with clinker tiles
- Floors and ceilings
- Interior walls
- Terraces and balconies
- Flat roofs

## EUROPIR® ETICS

**EUROPIR® ETICS** – rigid, high performance PIR (polyisocyanurate) boards without facing intended for thermal insulation of external walls and internal partitions. Product recommended for insulating facade with plaster, paint, bricks, or clinker tiles. The material can be used on any surface specified in the recommendations for construction of the facade using ETICS method.

Board with dimensions: 1000 x 600 mm

### RECOMMENDED FOR:

- ETICS System
- Two-layered wall
- Three-layered wall

Product	Thickness	Size	Quantity per pack	No of square meters (m <sup>2</sup> ) / per pack	Number of square meters (m <sup>2</sup> ) / per pallet
	mm	mm	No of pieces	m <sup>2</sup>	m <sup>2</sup>
<b>EUROPIR® ETICS</b>	20	1000/600	25	15,00	120,00
	30	1000/600	16	9,60	76,80
	40	1000/600	12	7,20	57,60
	50	1000/600	10	6,00	48,00
	60	1000/600	8	4,80	38,40
	70	1000/600	7	4,20	33,60
	80	1000/600	6	3,60	28,80
	90	1000/600	5	3,00	24,00
	100	1000/600	5	3,00	24,00
	110	1000/600	4	2,40	19,20
	120	1000/600	4	2,40	19,20
	130	1000/600	4	2,40	19,20
	140	1000/600	3	1,80	14,40
	150	1000/600	3	1,80	14,40
	160	1000/600	3	1,80	14,40
	170	1000/600	3	1,80	14,40
	180	1000/600	3	1,80	10,80
	190	1000/600	2	1,20	12,00
	200	1000/600	2	1,20	12,00

**Packaging, durability & thermal resistance** – see page 7.

**Package weight:** max. 12 kg.

Boards are packed in shrink wrap (UV) and transported with or without pallets.

Orders accepted for a full package only.

#### Characteristics:

**ETICS system board (BSO) in accordance with European Technical Assessment – ETA 14/0118.**

Light weight and handy format.

**Unique combination of insulation as well as high physical and mechanical parameters:**

**dN ≥ 120 mm – λ<sub>D</sub> = 0,023 W/m\*K 80 mm ≤ dN < 120 mm – λ<sub>D</sub> = 0,024 W/m\*K dN < 80 mm – λ<sub>D</sub> = 0,025 W/m\*K"**

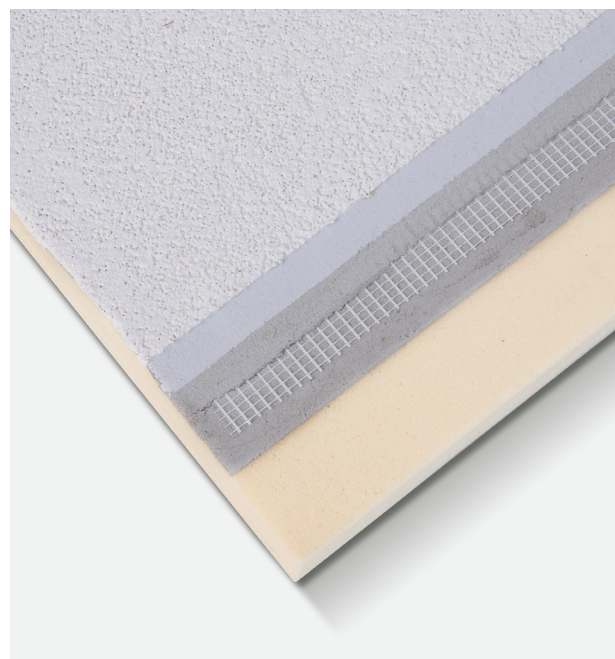
Closed cell content – min.90%

**Board without facing – the ability to freely polish and adjust the insulation without the risk of losing parameters.** No special equipment required for cutting the board on the construction site. Easy adjustment of the insulation to the shape of the buildings.

Closed cell content – min. 90%

Extremely low water absorption (<1,7%)

High compressive strength (≥ 150 kPa)



## EUROPIR® CAPS AND TUBE

**EUROPIR® CAPS** – end Caps are made of rigid highly insulating PIR foam designed for thermal insulation of mechanical fastener plate during the assembly of boards and façade insulation system based on PIR boards. EUROPIR® CAPS are designed to increase tightness of thermal insulation and reduce the risk of thermal bridges.

### RECOMMENDED FOR:

- ETICS System

Product	Unit of measure	Pieces per pack
		pcs.
<b>EUROPIR® END CAPS - 15 mm / fi 65/67/70 mm*</b>	pcs.	200,00

\*\* Other sizes available upon request.

**EUROPIR® END CAPS** are packed in boxes with dimensions 350 x 300 x 200 mm.  
**Minimum order** - 1 pack.



**EUROPIR® TUBE** – modern tubes are made of rigid highly insulating PIR foam in the form of tubes and 1000mm length, designed for thermal insulation of mechanical fastener plate during the assembly of boards and façade insulation system. EUROPIR® TUBES are designed to increase tightness of thermal insulation and reduce the risk of thermal bridges.

### RECOMMENDED FOR:

- ETICS System

Product	Unit of measure	Pieces per pack
		pcs.
<b>EUROPIR® TUBE - 1000 mm / fi 65/67/70 mm</b>	pcs.	10,00

\*\* Other sizes available upon request.

**EUROPIR® TUBES** are packed in shrink wrap.

**Minimum order**- 1 pack.



## EUROPIR® DUAL

**EUROPIR® DUAL** - rigid high performance PIR boards without cladding designed for insulating of finishing façade with clinker tiles. Specially designed mounting guides on both sides of the board enable easy installation of 3 different types of clinker tiles (RF/NF/WDF).  
Board with dimensions: 900 x 578 mm

### RECOMMENDED FOR

- Walls insulation
- Walls finished with clinker tiles

Product	Thickness	Size	Pieces per pack	No of square meters (m <sup>2</sup> ) / per pack	Number of square meters (m <sup>2</sup> ) / per pallet
	m m	m m	No of pieces	m <sup>2</sup>	m <sup>2</sup>
<b>EUROPIR® DUAL</b>	50	900/578	9	4,68	37,44
	80	900/578	5	2,60	20,80
	100	900/578	4	2,08	16,64
	120	900/578	4	2,08	16,64
	140	900/578	3	1,56	12,48
	160	900/578	3	1,56	12,48
	180	900/578	2	1,04	6,24

**Packaging, durability & thermal resistance** - see page 7.

**Package weight** : max. 12 kg.

Boards are packed in shrink wrap (UV) and transported with or without pallets.  
Orders accepted only for a full package.

#### Characteristics:

**Mounting guides on both sides of the panel enable easy installation of 3 different types of clinker tiles (RF/NF/WDF).**

Lack of cladding- enables easy treatment and adjustment without the risk of losing parameters.  
Easy installation of the panels as well as clinker tiles.

#### Unique combination of insulation as well as high physical and mechanical parameters:

dN ≥ 120 mm -  $\lambda_p = 0,023 \text{ W/m}^2\text{K}$

80 mm ≤ dN < 120 mm -  $\lambda_p = 0,024 \text{ W/m}^2\text{K}$

dN < 80 mm -  $\lambda_p = 0,025 \text{ W/m}^2\text{K}$

Closed cell content - min. 90%

Extremely low water absorption (<1,7%)

Light weight and handy format.

High compressive strength (≥ 150 kPa)



# EUROPIR® STANDARD – DEDICATED INSULATION FOR FLOORS, CEILINGS, ATTICS AND FLAT ROOFS

Rigid high performance PIR boards without facing are dedicated for insulation of floors, ceilings, as well as attics and flat roofs in residential and public buildings. High water resistance of EUROPIR® boards ensures the preservation of exceptional insulation parameters even in rooms with increased humidity (floor insulation in bathrooms, saunas, boiler rooms) and in places particularly exposed to water (foundations, external walls).

**AVAILABLE SIZES: 1000 x 1200 mm; 1000 x 1000 mm; 1000 x 500 mm**

## USE FOR

- Flooring
- Ceiling
- Foundation
- Attics
- Flat roofs

Product	Thickness	Size	Pieces per pack
	mm	mm	pcs.
EUROPIR®	20	1000 / 1200 1000 / 1000 1000 / 500	Packed depending on Size of the board - page 7
	30		
	40		
	50		
	60		
	70		
	80		
	90		
	100		
	110		
	120		
	130		
	140		
	150		
	160		
	170		
180			
190			
200			

**Packaging and durability of thermal resistance** – see page 7.

Package weight : max. 12 kg.

Boards are packed in shrink wrap (UV) and transported with or without pallets.

Orders accepted only for a full package

### Characteristics:

**High compressive strength ( $\geq 150$  kPa)**

**Unique combination of insulation as well as high physical and mechanical parameters:**

**$dN \geq 120$  mm –  $\lambda = 0,023 \text{ W/m}^2\text{K}$**

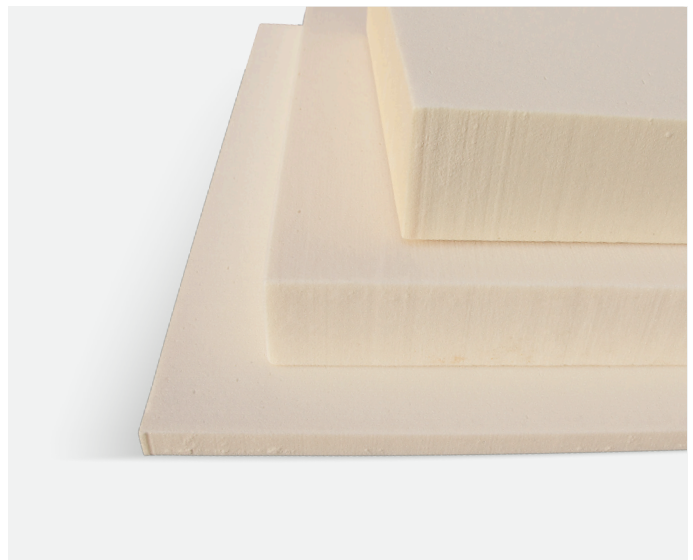
**$80 \text{ mm} \leq dN < 120$  mm –  $\lambda = 0,024 \text{ W/m}^2\text{K}$**

**$dN < 80$  mm –  $\lambda = 0,025 \text{ W/m}^2\text{K}$**

Closed cell content – min. 90%

Extremely low water absorption ( $< 1,7\%$ )

Light weight and handy format.



## EUROPIR® SL FOR INSULATING TERRACES, BALCONIES AND FLAT ROOFS

**EUROPIR® SL** are gradient insulating panels meant for terraces and balconies as well as flat roofs. Available as modular PIR panels without cladding with a one or two way gradient. Gradient panels are used to shape thermal insulation to ensure effective water drainage from terraces, balconies and roofs. They ensure drainage of rainwater to appropriate locations such as gutters or roof drains

Boards with dimensions 1000x1000 mm and thickness of up to 600 mm.

**EUROPIR® SL** are custom-made accordingly to gradient parameters of the terrace, balcony or roof.

### PURPOSE

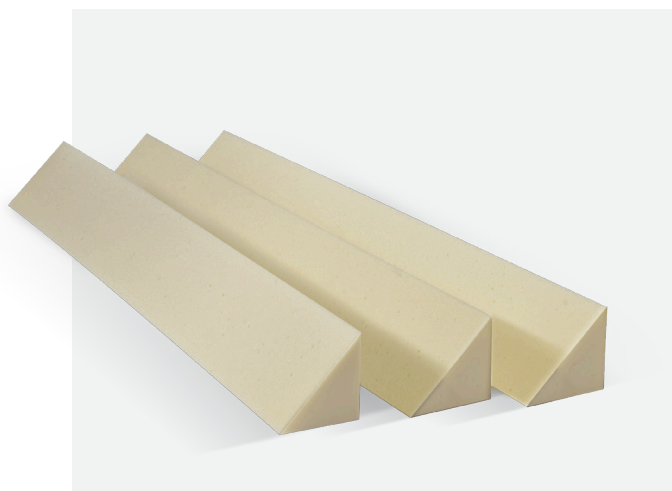
- Terraces
- Balconies
- Flat roofs



**EUROPIR® KL** rigid high performance PIR board fittings allow for proper execution of flat roofs. Uniformed triangle roof wedge helps in turning the waterproofing onto vertical surfaces.

### PURPOSE

- Terraces
- Balconies
- Flat roofs



Product	Size mm	Unit of measure	Pieces per pack pcs.
<b>EUROPIR® KL</b>	100 x 100 x 1000	pcs.	30
	50 x 50 x 1000	pcs	60

\* Other sizes available upon individual request

**Minimum order**- 1 pack.

# PACKAGING AND THERMAL RESISTANCE

## EUROPIR® ETICS

Thickness	mm	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Thermal resistance (R) m <sup>2</sup> K/W		0,80	1,20	1,60	2,00	2,40	2,80	3,33	3,75	4,17	4,58	5,22	5,65	6,09	6,52	6,96	7,39	7,83	8,26	8,70
Package weight	kg	8 - 12 kg (depending on the size of the boards)																		
Pieces per pack	pcs.	25	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	2	2
No of square meters (m <sup>2</sup> ) per pack	m <sup>2</sup>	15	9,6	7,2	6	4,8	4,2	3,6	3	3	2,4	2,4	2,4	1,8	1,8	1,8	1,8	1,8	1,2	1,2
Packs per pallet 1200 x 1000	pcs.	8																6	10	10

## EUROPIR® STANDARD



Thickness	mm	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Thermal resistance (R) m <sup>2</sup> K/W		0,80	1,20	1,60	2,00	2,40	2,80	3,33	3,75	4,17	4,58	5,22	5,65	6,09	6,52	6,96	7,39	7,83	8,26	8,70
Package weight	kg	7 - 24 kg (depending on the size of the boards)																		
Pieces per pack	pcs.	25	16	12	10	8	7	6	5	5	4	4	4	3	3	3	3	3	2	2
No of m <sup>2</sup> per pack 1200x1000 mm	m <sup>2</sup>	30	19,2	14,4	12	9,6	8,4	7,2	6	6	4,8	4,8	4,8	3,6	3,6	3,6	3,6	3,6	2,4	2,4
No of m <sup>2</sup> per pack 1000x1000 mm	m <sup>2</sup>	25,0	16,0	12,0	10,0	8,0	7,0	6,0	5,0	5,0	4,0	4,0	4,0	3,0	3,0	3,0	3,0	3,0	2,0	2,0
No of m <sup>2</sup> per pack 1000x500 mm	m <sup>2</sup>	12,5	8,0	6,0	5,0	4,0	3,5	3,0	2,5	2,5	2,0	2,0	2,0	1,5	1,5	1,5	1,5	1,5	1,0	1,0
Packs per pallet 1200x1000 (refers to 1000x1000 mm; 1200x1000 mm)	pcs.	4																5	5	
Packs per pallet 1200x1000 (refers to 1000x500 mm)	pcs.	8																6	10	10



## EUROPIR® DUAL

Thickness	mm	-	-	-	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Thermal resistance (R) m <sup>2</sup> K/W		-	-	-	2,00	2,40	2,80	3,33	3,75	4,17	4,58	5,22	5,65	6,09	6,52	6,96	7,39	7,83	8,26	8,70
Package weight	kg	8 - 12 kg (depending on the size of the boards)																		
Pieces per pack	pcs.	-	-	-	9	7	6	5	5	4	4	4	3	3	3	3	2	2	2	2
No of square meters (m <sup>2</sup> ) per pack	m <sup>2</sup>	-	-	-	4,68	3,64	3,12	2,6	2,6	2,08	2,08	2,08	1,56	1,56	1,56	1,56	1,04	1,04	1,04	1,04
Packs per pallet 1200 x 1000	pcs.	8																6	8	8



# Need more details? Contact us:

## Contact





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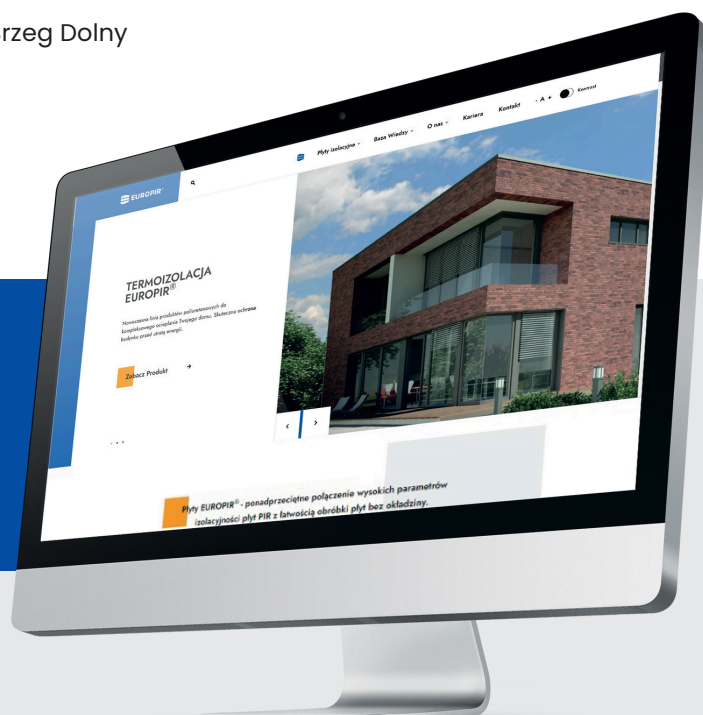
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EUROPIR Products please  
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THERMAL INSULATION BOARDS EUROPIR  
The actual colours and appearance of the product may differ on those shown in the pictures.