

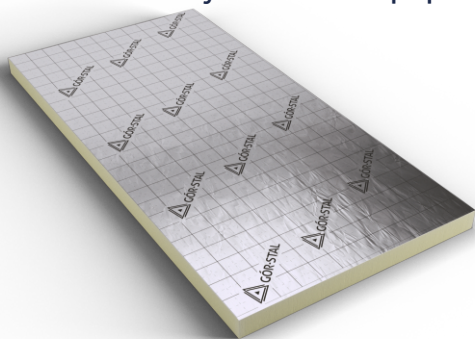


**GÓR-STAL**  
SANDWICH PANELS



# termPIR Insulation Board

made of hard PIR foam covered on both sides with multi-layered KRAFT paper and aluminum coatings



## termPIR AL

$\lambda = 0,023 \text{ W/m}\cdot\text{K}$

**PIR (polyisocyanurate) boards are used for thermal insulation of flat roofs, cavity walls and floors**

- Heat transfer coefficient  $\lambda = 0,023 \text{ W/m}\cdot\text{K}$
- Compression strength min. **120 kPa** (with 10% deformation)
- Insulating core density **30 kg/m<sup>3</sup>** (<sup>2/1,6</sup>)
- Can be used with waterproof membranes **PVC, TPO and EPDM**
- Standard board dimensions **1200 x 2400 mm** and **1200 x 600 mm**
- Profiled side edges: Tongue-Groove, Overlap, Flat
- Available thicknesses: **from 20 to 250 mm (increments of 10 mm)**

Thickness [mm]	20	40	50	60	80	100	120	150	180	200	220	250
Heat resistance R [m <sup>2</sup> ·K/W]	0,870	1,735	2,170	2,605	3,475	4,345	5,215	6,520	7,825	8,695	9,565	10,870
Heat Transfer Coefficient U [W/m <sup>2</sup> ·K]	1,150	0,575	0,460	0,385	0,290	0,230	0,195	0,155	0,130	0,115	0,105	0,090

- European fire classification E
- Classification according to PE-EN 13165, PIR-EN-13165-T2-CS(10/Y)120
- CE mark

  
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