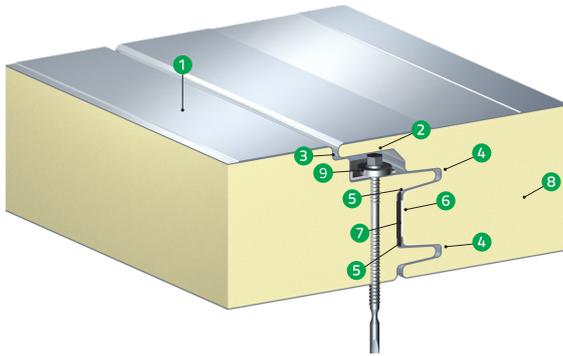


IzoGold PIR/PIR+

Wall panel with polyisocyanurate or polyurethane core - hidden screw fasteners.



- 1 Profiled lining with a unique surface design.
- 2 Hidden fastener gives the facade a uniform appearance.
- 3 Large bend radii guarantee durability of lining protective coatings.
- 4 Double panel lock guarantees best fire resistance properties.
- 5 Profiled edges facilitate assembly and ensure proper thermal insulating power.
- 6 Seamless polyurethane seal keeps proper thermal insulating power and tightness of joint - applied in manufacture.
- 7 Protecting strip prevents diffusion, water and gas infiltration and steam penetration into the insulating core.
- 8 Core made of stiff, freon-free, self-extinguishing PIR/PIR+ foam with very good thermal insulation properties.
- 9 L-O2 fastener ensuring load distribution.

Suitable for building external and internal walls of industrial buildings: production halls, storage buildings, commercial halls, shopping centres, farm facilities. Vertical or horizontal installation.

PIR/PIR+ core - stiff polyisocyanurate foam, thermal conductivity rating $\lambda = 0,022 \text{ W/m}^2\text{K}$, improved burning behaviour.

Steel sheet lining with anticorrosive protection depending on the intended use.

Mechanical properties				
thickness	60	80	100	120
modular width [mm]	1080 or 1000*			
total width [mm]	modular width +18 mm			
length [mm]	2000 - 16000**			
weight 0,5/0,4 [kg/m ²]	10,0	10,8	11,6	12,4
weight 0,5/0,5 [kg/m ²]	10,9	11,7	12,5	13,3
Insulating power				
U PIR/PIR+ [W/m ² K]	0,42	0,29	0,22	0,19
Burning behaviour				
PIR fire resistance	-		EI 15	
PIR+ fire resistance	-		EI 15	
PIR/PIR+ reaction to fire	B-s2, d0			
fire propagation	NRO			
Acoustic properties				
acoustic resistance coefficient:				
R _w [dB]	26			
R _{A1} [dB]	23			
R _{A2} [dB]	21			
acoustic absorption coefficient α_w	0,15			
Leakproofness				
Air permeability: pressure	n = 0,7578, C = 0,0335			
Air permeability: suction	n = 0,7778, C = 0,0115			
Blowing rain resistance	A class - absolute leakproofness at 1200 Pa			

* modular width available on an individual order.

** maximum length depending on the panel colour - see the "Tips for colour selection" section

Panels are manufactured in accordance with PN-EN 14509:2013 and have the  mark.