

PW PUR-S/PIR-S



APPLICATION

Wall sandwich panel with visible joint PW PUR-S / PIR-S is used to construct external walls and internal partitions in the single- or multiple-span shell structure. The panel is characterized by very good thermal insulation properties and strength, as well as very high fire resistance properties (PW PIR-S).

In particular PW PUR-S / PIR-S panels can be applied in:

- Industrial buildings,
- Store houses and logistic centres,
- Commercial buildings and offices,
- Food industry facilities,
- Agricultural objects
- Sport halls.

TABLE OF TECHNICAL PARAMETERS OF THE PW PUR-S / PIR-S PANELS

Parameter	Value				
thickness [mm]	40	60	80	100	120
modular width [mm]	1130 (optionally 1000 or 1050)				
length [mm]	2000 ÷ 15800				
weight [kg/m ²]	9,9	10,7	11,5	12,3	13,1
heat transfer coefficient U _c [W/m ² K]	0,59	0,38	0,28	0,22	0,19
acoustic insulation R _w [dB]	26				
reaction to fire PUR	B-s2,d0				
reaction to fire PIR	B-s1,d0				
resistance to external fire	NRO				
wall fire rating PUR	NPD		EI 20		
wall fire rating PIR	NPD			EI 30	
anti-corrosive protection	external C1, C2, C3 (C4 ÷ C5), internal A1 (A2 ÷ A5)				
organic coatings	SP 25, PU, AGRO, FOOD SAFE and other				
external facing	galvanized steel 0,5 ÷ 0,6 mm				
internal facing	galvanized steel 0,4 ÷ 0,5 mm				
available profilation types	external facing L, ML, MF, MR, G; internal facing L, R, G				
insulating core	rigid foam of 40 kg/m ³ in total density and with enclosed PUR (polyurethane) / PIR (polyisocyanurate) cells				
application	non-continuous application on external walls and as wall cladding, on the structural parts of walls and ceilings				
wall application layout	vertical or horizontal				

PW PUR-SU/PIR-SU



APPLICATION

Wall sandwich panel with hidden joint PW PUR-SU / PIR-SU is used to construct external walls and internal partitions in the single- or multiple-span shell structure. The panel is characterized by very good thermal insulation properties and strength, as well as very high fire resistance properties (PW PIR-SU).

In particular PW PUR-SU / PIR-SU panels can be applied in:

- Industrial buildings,
- Store houses and logistic centres,
- Commercial buildings and offices,
- Food industry facilities,
- Agricultural objects
- Sport halls.

TABLE OF TECHNICAL PARAMETERS OF THE PW PUR-SU / PIR-SU PANELS

Parameter	Value			
thickness [mm]	60	80	100	120
modular width [mm]	1050 (optionally 1000)			
length [mm]	2000 ÷ 15800			
weight [kg/m ²]	11,1	11,80	12,60	13,40
heat transfer coefficient U _c [W/m ² K]	0,39	0,29	0,23	0,19
acoustic insulation R _w [dB]	26			
reaction to fire PUR	B-s2,d0			
reaction to fire PIR	B-s2,d0			
resistance to external fire	NRO			
wall fire rating PUR	NPD	EI 15 (i → o)		
wall fire rating PIR	NPD	EI 15 (i → o)		
anti-corrosive protection	external C1, C2, C3 (C4 ÷ C5), internal A1 (A2 ÷ A5)			
organic coatings	SP 25, PU, AGRO, FOOD SAFE and other			
external facing	galvanized steel 0,5 ÷ 0,6 mm			
internal facing	galvanized steel 0,4 ÷ 0,5 mm			
available profilation types	external facing L, ML, MF, MR, G; internal facing L, R, G			
insulating core	rigid foam of 40 kg/m ³ in total density and with enclosed PUR (polyurethane) / PIR (polyisocyanurate) cells			
application	non-continuous application on external walls and as wall cladding, on the structural parts of walls and ceilings			
wall application layout	vertical or horizontal			