

Structural Insulated Panel, used as external wall of PANHOUSE system. It has an external cladding in Magnesium Oxide, an excellent inorganic fireproof and waterproof material, and a core made of EPS or Mineral Wool. The panel is made with perimeter structural steel, which give resistance up to 75.0 psi, as per Florida Building Code (2014) TAS 202. The panel is pre-set internally for technical equipment (electricity, water and gas); it can be painted or coated.

Certifications

26
REI
Fire resistance
26 minutes
as per NBR5628

TAS
202
Load test and impact resistance
as per FBC TAS202

ASTM
E283
Air infiltration
as per ASTM E283

Use and specifications

 Housing

 Thermal Insulation

 Quick Assembly

EXTERNAL COATING

Oxide magnesium board 12mm

INTERNAL COATING

Oxide magnesium board 8mm

JOINT

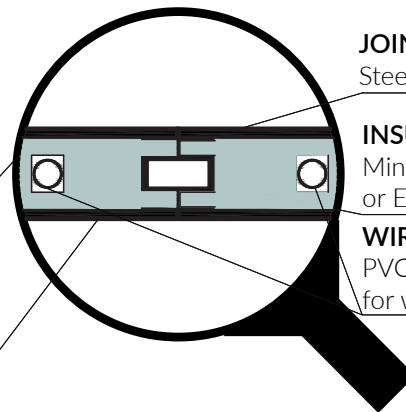
Steel sheet 12/10

INSULATION

Mineral Wool or EPS

WIRING

PVC pipe for wiring



Standard size*:

Width.	length.	Thicness.
42"	90"- 80"	3"-5"

* It's possible to have customized size to prevent cuts and adjustments.

INSUL.	THK (in)	U (W/m ² K)	WT (pd/sft)
EPS	3	0,67	5,2
EPS	4	0,46	5,4
EPS	5	0,35	5,6
WR	3	0,61	5,8
WR	4	0,42	6,3
WR	5	0,32	6,8