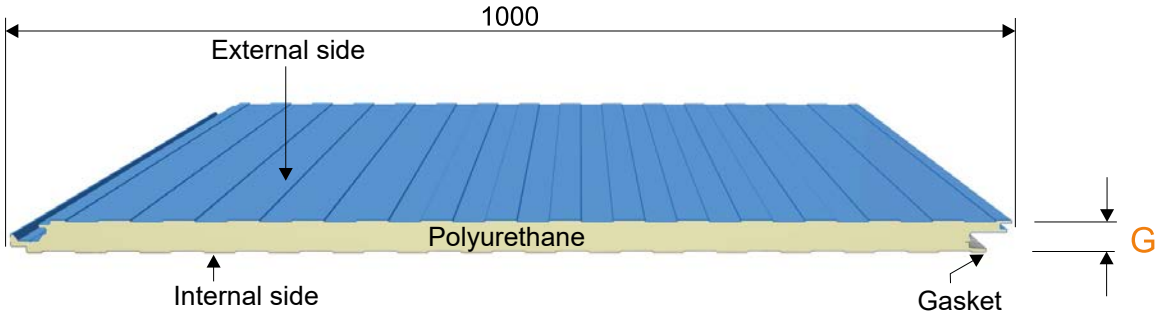
SUPER TOP - WALL

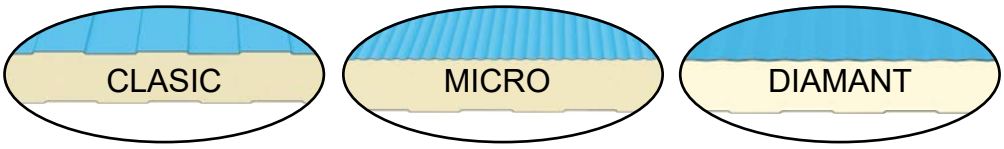
PRODUCT APPROVED CE

Wall Panel - Hidden fixing

Self-supporting steel insulated panel from polyurethane cu with **hidden fixing**, designed for industrial and commercial buildings, which due to their anchorage method provide exquisite aesthetics and reliability. The articulation of this type of panel provides the possibility of both vertical as well as horizontal installation.



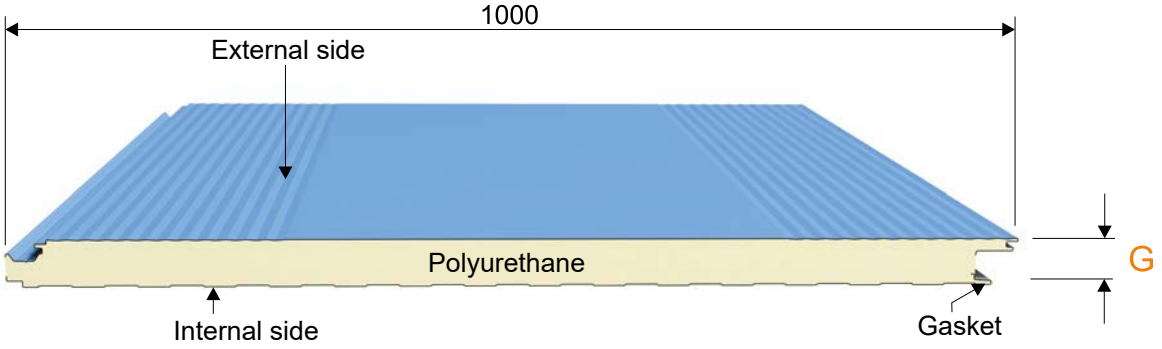
External side profiling options:



Upon request, there can be produced thermo-insulated panels of polyisocyanurate (PIR) foam, with fire resistance.

SUPER TOP - WALL

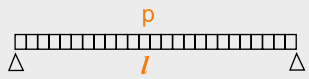
Architectural



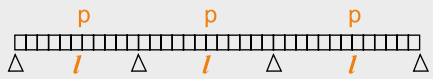
Self-supporting steel insulated panel from polyurethane cu with hidden fixing – architectural model, which due to their anchorage method provide exquisite aesthetics and reliability. The articulation of this type of panel provides the possibility of both vertical as well as horizontal installation.

Table of permissible loads – for both panels type **

Maximum values guaranteed for the distances (l), between two supports for a panel with a 0,5 mm thick steel exterior side, and 0,4 mm thick steel interior side - subjected at uniform distributed loads (p).

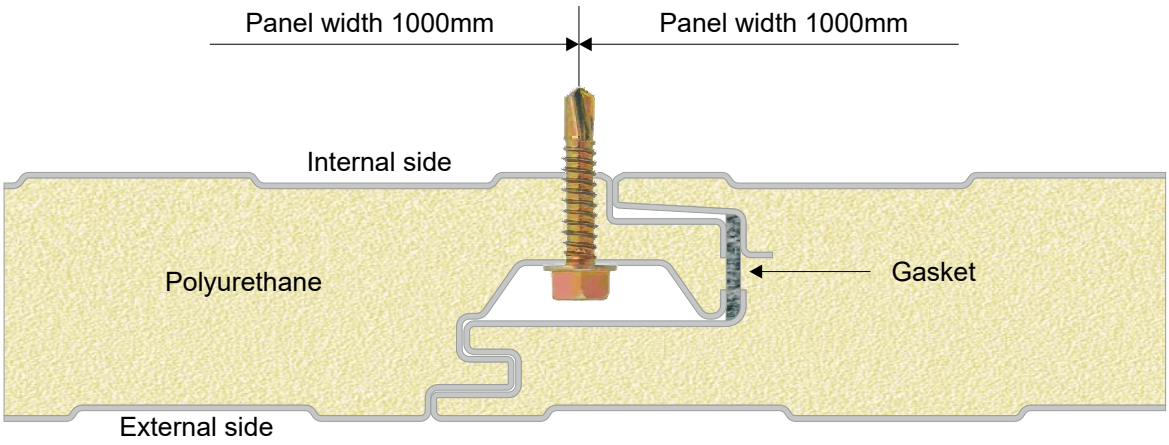


G (mm)	Loadings (daN/m²)				
	60	80	100	120	150
40	2,80	2,45	2,15	1,95	1,70
50	3,45	3,00	2,65	2,40	2,10
60	4,00	3,45	3,05	2,80	2,45
80	4,95	4,30	3,85	3,55	3,10
100	5,85	5,10	4,60	4,15	3,75
120	6,90	6,05	5,45	5,00	4,45



G (mm)	Loadings (daN/m²)				
	60	80	100	120	150
40	3,15	2,75	2,40	2,20	1,90
50	3,85	3,35	2,95	2,70	2,35
60	4,50	3,85	3,40	3,15	2,75
80	5,55	4,80	4,30	4,00	3,45
100	6,55	5,70	5,15	4,65	4,20
120	7,75	6,80	6,10	5,60	5,00

**The company reserves the right to make the necessary modifications or improvements to its products, at any time, without being subject to prior notice.



STEEL (0,5mm) – STEEL (0,4mm) PANEL WEIGHT		THERMAL TRANSFER COEFFICIENT **(K)**	
G	**M**	**K**	
(mm)	**(kg/m²)**	**(kcal/m² h °C)**	**(W/m²K)**
40	8,26	0,43	0,50
50	9,84	0,35	0,41
60	10,24	0,29	0,34
80	11,04	0,22	0,26
100	11,84	0,18	0,21
120	12,64	0,15	0,18

Permissible loadings**

The table contains the free admissible sizes (l) in meters, corresponding to each uniformly distributed load (p), calculated based on experimental data, so as to guarantee a maximum arrow (f) less (no more than) than l/200, considering a safety coefficient (upon breaking stress when bending) greater than or equal to 3.

Thermal transfer coefficients

Values were determined in an authorized laboratory, using the value of lambda thermal conductivity (measured at 10°C) of 0.021 W/mK (0.017 kcal/mhC), according to EN 12667:2002.

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