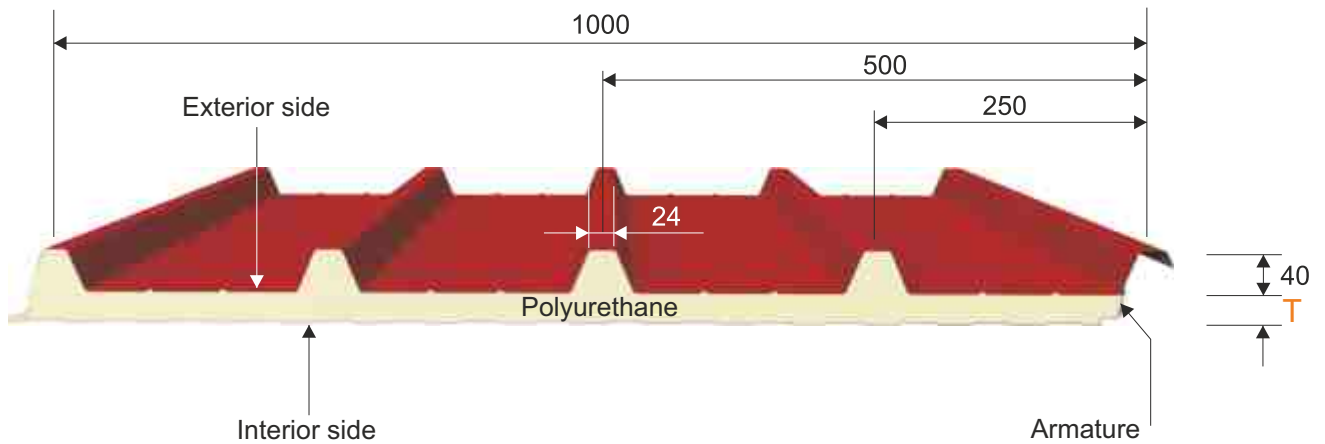


Self-supporting steel insulated panel from polyurethane, equipped with five folds, designed for tilted roofs with a maximum inclination of 7%.



Upon request, thermo-insulated panels of polyisocyanurate (PIR) foam, with a fire resistance of 30 min. may be manufactured.

Table of admissible loads *

Maximum values guaranteed for the distances (l), between two supports for a panel with a 0.5 mm thick steel exterior side, and a 0.4 mm thick steel interior side, subject to uniformly distributed loads (p).

T (mm)	Load (daN/m ²)							
	60	80	100	120	150	200	250	300
30	4,50	3,90	3,40	3,10	2,80	2,40	2,15	1,95
40	4,80	4,15	3,75	3,40	3,05	2,60	2,35	2,10
50	5,10	4,40	3,90	3,60	3,20	2,80	2,45	2,20
60	5,35	4,60	4,15	3,80	3,35	2,95	2,60	2,35
80	5,90	5,05	4,70	4,25	3,70	3,25	2,95	2,60
100	6,45	5,60	5,10	4,65	4,10	3,60	3,15	2,85
120	7,00	6,15	5,50	5,05	4,50	3,95	3,35	3,05
150	7,55	6,70	5,90	5,45	4,90	4,30	3,55	3,25

T (mm)	Load (daN/m ²)							
	60	80	100	120	150	200	250	300
30	5,05	4,40	3,90	3,55	3,10	2,70	2,40	2,20
40	5,35	4,70	4,15	3,80	3,40	2,95	2,60	2,40
50	5,65	4,90	4,40	4,00	3,60	3,10	2,80	2,60
60	6,00	5,20	4,65	4,25	3,80	3,25	2,95	2,75
80	6,65	5,65	5,15	4,65	4,25	3,60	3,25	3,00
100	7,35	6,30	5,65	5,15	4,65	3,95	3,60	3,35
120	8,04	6,95	6,15	5,65	5,05	4,30	3,95	3,60
150	8,70	7,60	6,65	6,15	5,45	4,65	4,30	3,85

Table of admissible loads *

Maximum values guaranteed for the distances (l), between two supports for a panel with a 0.6 mm thick aluminum exterior side, and a 0.5 mm thick aluminum interior side, subject to uniformly distributed loads (p).

T (mm)	Load (daN/m ²)							
	60	80	100	120	150	200	250	300
30	3,05	2,65	2,40	2,15	1,95	1,70	1,50	1,30
40	3,40	2,95	2,65	2,45	2,20	1,90	1,70	1,51
50	3,80	3,30	2,95	2,70	2,45	2,10	1,85	1,52
60	4,25	3,65	3,30	2,95	2,65	2,30	2,00	1,69
80	5,10	4,35	3,90	3,50	3,15	2,75	2,35	1,95
100	5,73	5,20	4,75	4,20	3,70	3,20	2,85	2,40

T (mm)	Load (daN/m ²)							
	60	80	100	120	150	200	250	300
30	3,45	2,95	2,65	2,45	2,15	1,90	1,70	1,50
40	3,80	3,30	2,95	2,70	2,45	2,10	1,85	1,62
50	4,25	3,70	3,35	3,00	2,70	2,40	2,10	1,78
60	4,65	4,15	3,65	3,35	2,95	2,65	2,35	2,05
80	5,50	4,90	4,35	4,00	3,50	3,10	2,75	2,51
100	6,20	5,60	5,15	4,65	4,15	3,45	3,00	2,65

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