TOP ROOF - CTB - C5

PRODUCT APPROVED CE

Roof Panel

Self-supporting insulated steel panel from Polyurethane, with 5 ribs, designed for plane and tilted roofs about to be sealed. The exterior side of the panel is made from bitumen cardboard in order to facilitate subsequent sealing.

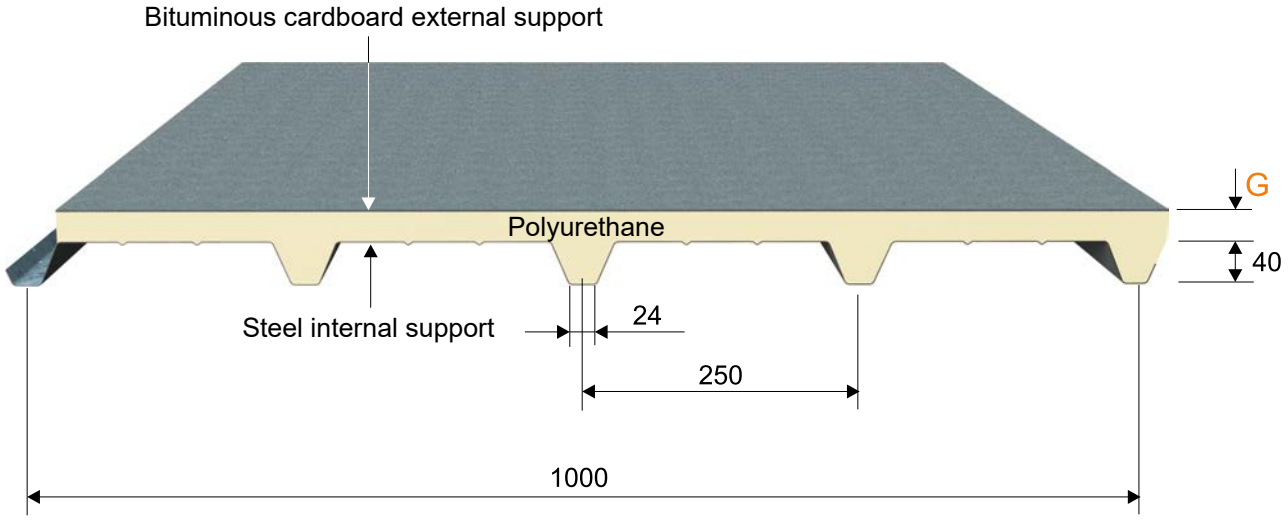
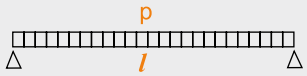
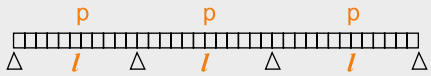


Table of permissible loads**

The sizes (l) in meters corresponding to the uniformly distributed (p) overload (daN/m2), were calculated so as to guarantee an f<l/200 arrow even considering the steel sheet as a solid section (polyurethane support was not considered) according to European norms. The values indicated for the 0.5 sheet thickness resulted from the laboratory tests.



G (mm)	Loadings (daN/m²)							
	60	80	100	120	150	200	250	300
0,5	2,08	1,89	1,74	1,65	1,52	1,40	1,29	1,20
0,6	2,22	2,02	1,89	1,76	1,65	1,49	1,40	1,31
0,8	2,49	2,26	2,11	1,98	1,85	1,68	1,56	1,47
1,0	2,71	2,47	2,29	2,16	2,00	1,83	1,70	1,60



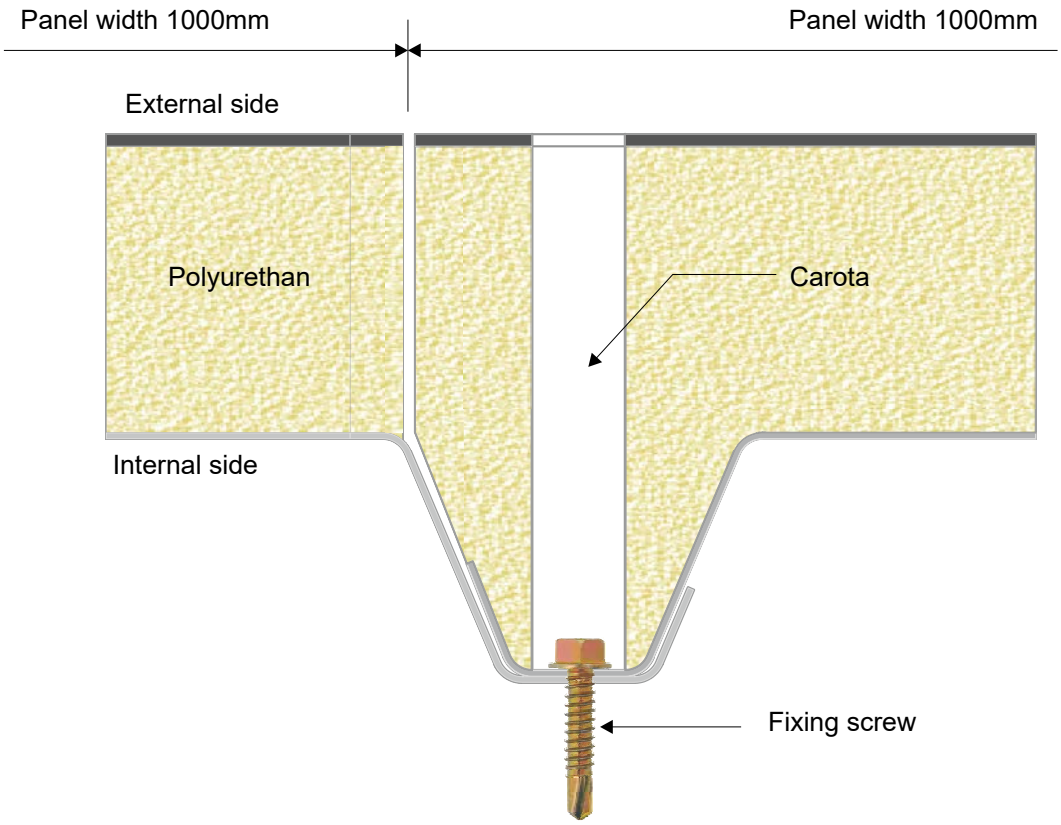
G (mm)	Loadings (daN/m²)							
	60	80	100	120	150	200	250	300
0,5	2,51	2,32	2,16	2,03	1,89	1,70	1,52	1,40
0,6	2,74	2,49	2,32	2,18	2,02	1,89	1,69	1,55
0,8	3,08	2,80	2,60	2,45	2,27	2,07	1,92	1,80
1,0	3,37	3,06	2,83	2,67	2,47	2,24	2,10	1,98

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

TOP ROOF - CTB - C5

PRODUCT APPROVED CE

Roof Panel



BITUMINATED CARTON - STEEL PANEL WEIGHT			THERMAL TRANSFER COEFFICIENT **(K)**	
G	**M(0,5mm)**	**M(1mm)**	**K**	
(mm)	**(kg/m²)**	**(kg/m²)**	**(kcal/m² h °C)**	**(W/m²K)**
30	6,14	10,93	0,64	0,74
40	6,52	11,31	0,50	0,58
50	6,90	11,69	0,42	0,49
60	7,28	12,07	0,36	0,42
80	8,04	12,83	0,28	0,33
100	8,80	13,52	0,20	0,25
120	9,56	14,22	0,15	0,19

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

The 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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