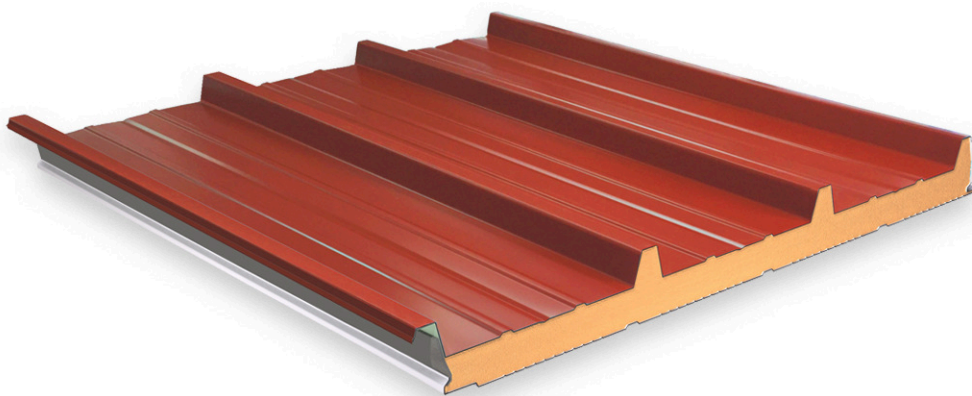
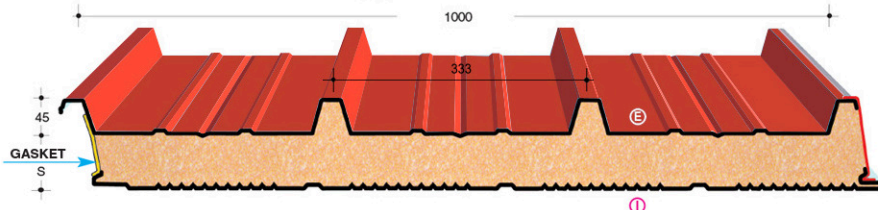


® registered trade name



TYPE
TCP/C

S
Thickness mm.
30-40-50
60-80-100-120

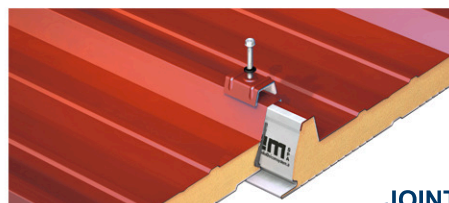


OPTION
PIR B-s2,d0

Technical characteristics and performances:

- Supports:** **STEEL** - S 250 GD according UNI EN 10346 norm, mechanical characteristics as D.M. of 14/01/2008 and tolerances according UNI EN 10143 norm
ALUMINIUM - UNI EN 1396 with minimum yielding limit 150 Mpa
COPPER - UNI EN 1172
COR-TEN
STAINLESS STEEL - According UNI EN 10088-1 norm

Insulation: PUR Density ~ 40 Kg/m3 UNI EN 13165 - PIR UNI EN 13501-1
Standard panel: Width mm. 1000



JOINT

S thickness mm	THERMIC INSULATION			U.M.	Useful loads uniformly distributed in KG/m ² – KN/m ² SINGLE SPAN IN m ℓ				
	R m ² ·K W	U W m ² ·K	weight Kg/m ²		2,00	2,50	3,00	3,50	4,00
30	1,435	0,697	7,93	Kg/m ² KN/m ²	211 2,08	121 1,19	75 0,74	48 0,47	32 0,31
40	1,866	0,536	8,31	Kg/m ² KN/m ²	257 2,53	154 1,51	98 0,97	65 0,65	45 0,44
50	2,309	0,433	8,68	Kg/m ² KN/m ²	305 3,00	189 1,85	124 1,22	85 0,84	60 0,59
60	2,747	0,364	9,06	Kg/m ² KN/m ²	355 3,49	225 2,21	152 1,49	106 1,04	76 0,75
80	3,623	0,276	9,82	Kg/m ² KN/m ²	457 4,49	302 2,96	210 2,07	152 1,49	112 1,10
100	4,504	0,222	10,57	Kg/m ² KN/m ²	562 5,52	382 3,75	273 2,68	201 1,98	151 1,49
120	5,376	0,186	11,33	Kg/m ² KN/m ²	669 6,56	463 4,55	337 3,31	253 2,49	194 1,90

LOAD CONDITIONS WITH STEEL SUPPORTS:

The values shown in the tables are indicative and referred to a deflection f≤1/200 of the span ℓ (m) for panels with thickness of STEEL supports 0,4+0,4 mm. For sizing and checking refer to the enclosed E of the UNI EN 14509 Norm and to the values shown in the CE certification. The letter Ⓢ shows the required painted side.

S thickness mm	THERMIC INSULATION			U.M.	CONDIZIONI DI DISTANZA T Useful loads uniformly distributed in KG/m ² – KN/m ² SINGLE SPAN IN m ℓ				
	R m ² ·K W	U W m ² ·K	peso Kg/m ²		2,00	2,50	3,00	3,50	4,00
30	1,435	0,697	10,76	Kg/m ² KN/m ²	278 2,73	160 1,58	99 0,98	65 0,64	43 0,42
40	1,866	0,536	11,13	Kg/m ² KN/m ²	333 3,27	200 1,96	129 1,27	87 0,86	60 0,59
50	2,309	0,433	11,51	Kg/m ² KN/m ²	390 3,83	242 2,38	161 1,58	111 1,09	79 0,78
60	2,747	0,364	11,89	Kg/m ² KN/m ²	448 4,40	285 2,80	194 1,91	137 1,35	99 0,98
80	3,623	0,276	12,64	Kg/m ² KN/m ²	567 5,57	376 3,69	265 2,60	193 1,90	144 1,42
100	4,504	0,222	13,40	Kg/m ² KN/m ²	688 6,76	469 4,61	339 3,33	253 2,49	193 1,90
120	5,376	0,186	14,15	Kg/m ² KN/m ²	811 7,96	565 5,54	415 4,08	315 3,09	244 2,40

LOAD CONDITIONS WITH STEEL SUPPORTS:

The values shown in the tables are indicative and referred to a deflection f≤1/200 of the span ℓ (m) for panels with thickness of STEEL supports 0,5+0,5 mm. For sizing and checking refer to the enclosed E of the UNI EN 14509 Norm and to the values shown in the CE certification. The letter Ⓢ shows the required painted side.

S thickness mm	THERMIC INSULATION			U.M.	Useful loads uniformly distributed in KG/m ² – KN/m ² SPAN IN m ℓ										
	R m ² ·K W	U W m ² ·K	weight Kg/m ²		weight Kg/m ²										
30	1,435	0,697	7,5	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	5,0	1,50	2,00	2,50	3,00	3,50
					285 2,81	185 1,81	120 1,18	70 0,69	40 0,39		265 2,60	165 1,62	101 1,00	58 0,57	30 0,30
40	1,866	0,536	7,9	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	5,4	1,50	2,00	2,50	3,00	3,50
					355 3,50	230 2,25	160 1,57	96 0,94	60 0,59		315 3,10	203 2,00	132 1,30	76 0,75	48 0,48
50	2,309	0,433	8,3	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	5,8	1,50	2,00	2,50	3,00	3,50
					417 4,10	278 2,72	197 1,93	125 1,22	80 0,78		365 3,60	244 2,40	168 1,65	101 1,00	63 0,62
60	2,747	0,364	8,7	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	6,2	1,50	2,00	2,50	3,00	3,50
					468 4,60	325 3,18	237 2,32	157 1,54	104 1,02		428 4,20	285 2,80	203 2,00	127 1,25	83 0,82
80	3,623	0,276	9,5	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	7,0	1,50	2,00	2,50	3,00	3,50
					509 5,00	430 4,21	315 3,09	225 2,20	155 1,52		489 4,80	387 3,80	275 2,70	183 1,80	117 1,15
100	4,504	0,222	10,3	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	7,8	1,50	2,00	2,50	3,00	3,50
					565 5,53	452 4,43	342 3,35	286 2,80	215 2,11		540 5,29	431 4,23	316 3,10	262 2,57	195 1,91
120	5,376	0,186	11,0	Kg/m ² KN/m ²	1,50	2,00	2,50	3,00	3,50	8,6	1,50	2,00	2,50	3,00	3,50
					635 6,23	525 5,15	415 4,02	330 3,24	260 2,55		612 6,01	510 5,01	398 3,90	306 3,03	238 2,33

LOAD CONDITIONS: WITH Ⓢ ALUMINIUM SUPPORT 0,6 mm Ⓢ STEEL 0,5 mm WITH Ⓢ ALUMINIUM SUPPORT 0,6 mm Ⓢ ALUMINIUM 0,6 mm

The values shown in the tables are indicative and referred to a deflection f≤1/200 of the span ℓ (m). For sizing and checking refer to the enclosed E of the UNI EN 14509 Norm and to the values shown in the CE certification. The letter Ⓢ shows the required painted side.