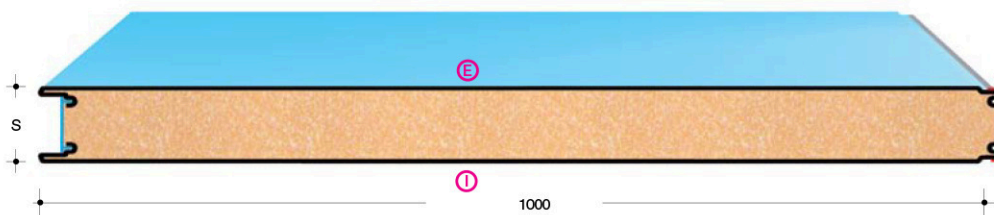


**TYPE**  
**TPL/C-ST**

**S**  
Thickness mm.  
30-35-40-50  
80-100-120



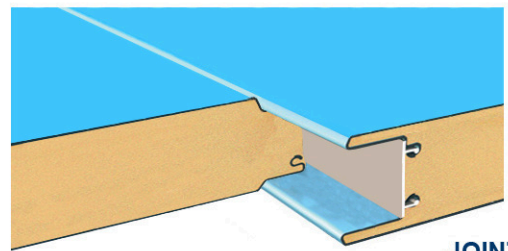
**OPTION**  
PIR B-s2,c0



100 e 120 mm only

**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 <sup>2</sup> – KN/m <sup>2</sup>																					
	Kcal m <sup>2</sup> ·h·°C	U m <sup>2</sup> ·°C	W m <sup>2</sup> ·°C		weight Kg/m <sup>2</sup>	SPAN IN m ℓ																				
						2,00	2,50	3,00	3,50	4,00	2,00	2,50	3,00	3,50	4,00											
25	0,711	0,827		9,58	Kg/m <sup>2</sup>	125	85	60	50	40	130	95	70	60	50	KN/m <sup>2</sup>	1,23	0,83	0,59	0,49	0,39	1,27	0,93	0,68	0,59	0,49
30	0,602	0,697		9,77	Kg/m <sup>2</sup>	140	95	70	55	45	145	105	80	65	55	KN/m <sup>2</sup>	1,37	0,94	0,69	0,54	0,44	1,42	1,03	0,78	0,64	0,54
35	0,522	0,607		9,96	Kg/m <sup>2</sup>	145	100	80	60	50	155	115	90	70	60	KN/m <sup>2</sup>	1,42	0,98	0,78	0,59	0,49	1,52	1,12	0,88	0,68	0,58
40	0,461	0,536		10,15	Kg/m <sup>2</sup>	166	125	90	70	55	178	140	108	85	70	KN/m <sup>2</sup>	1,63	1,22	0,88	0,68	0,54	1,74	1,37	1,05	0,83	0,68
50	0,372	0,433		10,53	Kg/m <sup>2</sup>	225	160	120	90	70	245	182	140	115	90	KN/m <sup>2</sup>	2,21	1,57	1,18	0,88	0,68	2,41	1,78	1,37	1,13	0,88
80	0,237	0,276		11,67	Kg/m <sup>2</sup>	455	316	227	160	120	500	365	280	215	145	KN/m <sup>2</sup>	4,46	3,09	2,22	1,57	1,18	4,91	3,58	2,74	2,11	1,42
100	0,191	0,222		12,63	Kg/m <sup>2</sup>	470	345	260	200	160	510	390	285	225	180	KN/m <sup>2</sup>	4,60	3,38	2,55	1,96	1,57	4,99	3,82	2,79	2,20	1,76
120	0,160	0,186		13,43	Kg/m <sup>2</sup>	510	435	290	260	200	535	445	320	290	210	KN/m <sup>2</sup>	4,99	4,26	2,84	2,55	1,96	5,24	4,36	3,13	2,84	2,06

**LOAD CONDITIONS WITH STEEL SUPPORTS:**

The values shown in the tables are indicative and referred to a deflection  $f \leq 1/200$  of the span  $\ell$  (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 **I** shows the required painted side.

S thickness mm	THERMIC INSULATION			U.M.	Useful loads uniformly distributed in KG/m <sup>2</sup> – KN/m <sup>2</sup>																					
	Kcal m <sup>2</sup> ·h·°C	U m <sup>2</sup> ·°C	W m <sup>2</sup> ·°C		weight Kg/m <sup>2</sup>	SPAN IN m ℓ																				
						2,00	2,50	3,00	3,50	4,00	2,00	2,50	3,00	3,50	4,00											
40	0,461	0,536		5,16	Kg/m <sup>2</sup>	108	64	41	27	19	149	95	64	44	32	KN/m <sup>2</sup>	1,06	0,62	0,40	0,26	0,18	1,46	0,93	0,63	0,43	0,31
50	0,372	0,433		5,56	Kg/m <sup>2</sup>	150	92	60	41	29	194	129	89	63	46	KN/m <sup>2</sup>	1,47	0,90	0,58	0,40	0,28	1,90	1,26	0,87	0,61	0,45
80	0,237	0,276		6,76	Kg/m <sup>2</sup>	272	180	125	89	65	317	225	165	124	95	KN/m <sup>2</sup>	2,67	1,76	1,22	0,87	0,63	3,11	2,20	1,62	1,21	0,93
100	0,191	0,222		7,56	Kg/m <sup>2</sup>	290	235	180	110	90	310	255	190	135	100	KN/m <sup>2</sup>	2,84	2,30	1,76	1,08	0,88	2,94	2,49	1,86	1,32	0,98
120	0,160	0,186		8,36	Kg/m <sup>2</sup>	315	270	210	185	110	340	295	240	195	135	KN/m <sup>2</sup>	3,09	2,64	2,06	1,81	1,08	3,33	2,89	2,35	1,91	1,32

**LOAD CONDITIONS WITH ALUMINIUM SUPPORTS:**

The values shown in the tables are indicative and referred to a deflection  $f \leq 1/200$  of the span  $\ell$  (m) for panels with thickness of **ALUMINIUM** supports 0,6+0,6 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 **I** shows the required painted side.