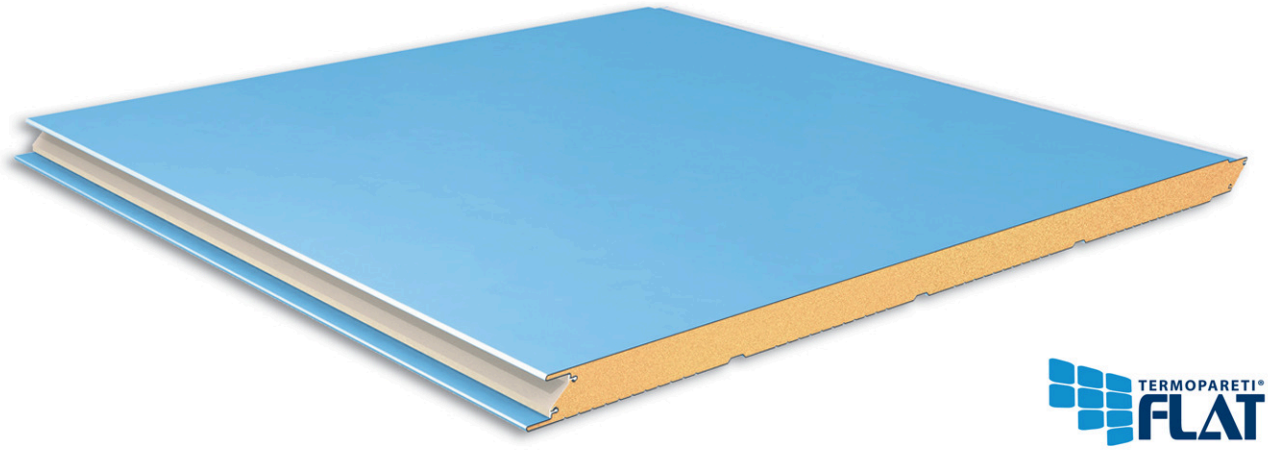
TERMOPARETE®

® registered trade name

WP/ST FLAT

HIDDEN FIXING

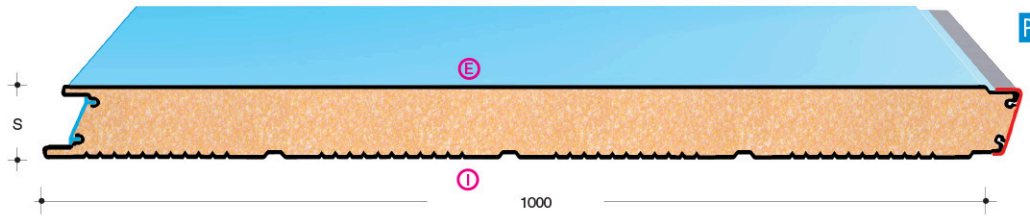
ENG



TYPE

WP/ST FLAT

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



OPTION
PIR B-s2,d0

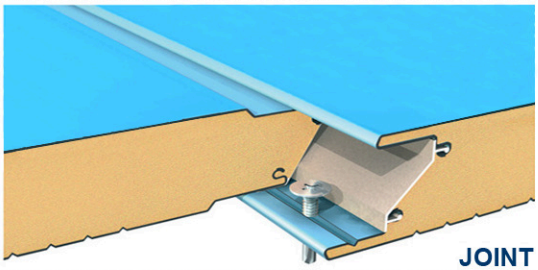
thickness
100 mm only

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

THERMIC INSULATION				U.M.	Useful loads uniformely distributed in KG/m² – KN/m²									
S	U		weight		SPAN IN m ℓ									
thickness mm	Kcal m²·h·°C	W m²·°C	Kg/m²		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	10,15	Kg/m²	166	125	90	70	55	178	140	108	85	70
				KN/m²	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/m²	225	160	120	90	70	245	182	140	115	90
				KN/m²	2,21	1,57	1,18	0,88	0,68	2,41	1,78	1,37	1,13	0,88
60	0,313	0,364	10,91	Kg/m²	289	216	142	115	85	321	237	181	141	115
				KN/m²	2,83	2,12	1,39	1,13	0,83	3,15	2,32	1,77	1,38	1,13
80	0,237	0,276	11,67	Kg/m²	455	316	227	160	120	500	365	280	215	145
				KN/m²	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/m²	470	345	260	200	160	510	390	285	225	180
				KN/m²	4,60	3,38	2,55	1,96	1,57	4,99	3,82	2,79	2,20	1,76

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.

THERMIC INSULATION				U.M.	Useful loads uniformely distributed in KG/m² – KN/m²									
S	U		weight		SPAN IN m ℓ									
thickness mm	Kcal m²·h·°C	W m²·°C	Kg/m²		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/m²	108	64	41	27	19	149	95	64	44	32
				KN/m²	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/m²	150	92	60	41	29	194	129	89	63	46
				KN/m²	1,47	0,90	0,58	0,40	0,28	1,90	1,26	0,87	0,61	0,45
60	0,313	0,364	5,96	Kg/m²	191	121	81	56	40	237	162	114	83	62
				KN/m²	1,87	1,18	0,79	0,55	0,39	2,32	1,59	1,11	0,81	0,61
80	0,237	0,276	6,76	Kg/m²	272	180	125	89	65	317	225	165	124	95
				KN/m²	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/m²	290	235	180	110	90	310	255	190	135	100
				KN/m²	2,84	2,30	1,76	1,08	0,88	2,94	2,49	1,86	1,32	0,98

LOAD CONDITIONS WITH ALUMINIUM 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 **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 Ⓘ Ⓔ shows the required painted side.

ED. 07/21

PANELS elcom system ITALY