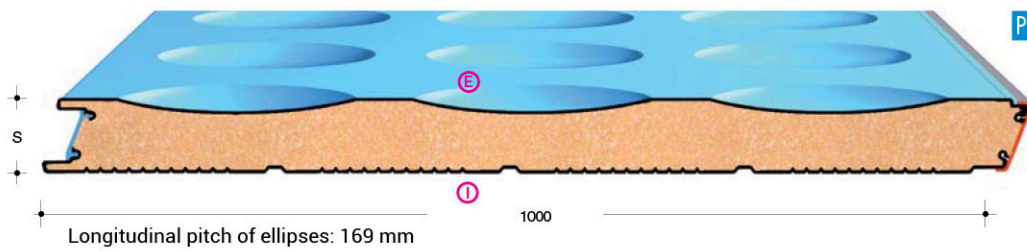


## TYPE WPM/C-FN RUGBY

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

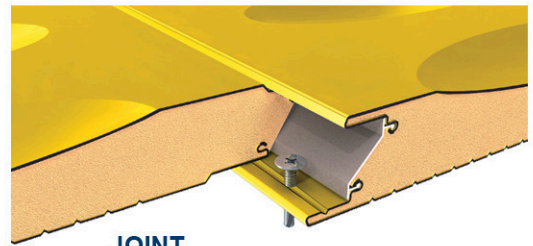


OPTION  
PIR B-s2,d0



### 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

THERMIC INSULATION				U.M.	Useful loads uniformly distributed in KG/m <sup>2</sup> - KN/m <sup>2</sup>									
S thickness mm	Kcal m <sup>2</sup> ·h·°C	U W m <sup>2</sup> ·°C	weight Kg/m <sup>2</sup>		SPAN IN m ℓ					SPAN IN m ℓ				
40	0,461	0,536	10,15	Kg/m <sup>2</sup> KN/m <sup>2</sup>	2,00 1,63	2,50 1,22	3,00 0,88	3,50 0,68	4,00 0,54	2,00 1,74	2,50 1,37	3,00 1,05	3,50 0,83	4,00 0,68
50	0,372	0,433	10,53	Kg/m <sup>2</sup> KN/m <sup>2</sup>	225 2,21	160 1,57	120 1,18	90 0,88	70 0,68	245 2,41	182 1,78	140 1,37	115 1,13	90 0,88
60	0,313	0,364	10,91	Kg/m <sup>2</sup> KN/m <sup>2</sup>	289 2,83	216 2,12	142 1,39	115 1,13	85 0,83	321 3,15	237 2,32	181 1,77	141 1,38	115 1,13
80	0,237	0,276	11,67	Kg/m <sup>2</sup> KN/m <sup>2</sup>	455 4,46	316 3,09	227 2,22	160 1,57	120 1,18	500 4,91	365 3,58	280 2,74	215 2,11	145 1,42
100	0,191	0,222	12,63	Kg/m <sup>2</sup> KN/m <sup>2</sup>	470 4,60	345 3,38	260 2,55	200 1,96	160 1,57	510 4,99	390 3,82	285 2,79	225 2,20	180 1,76

Rugby aligned lines  
length multiple of 169 mm



**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 CC certification. The letter ⓐ shows the required painted side.

THERMIC INSULATION				U.M.	Useful loads uniformly distributed in KG/m <sup>2</sup> - KN/m <sup>2</sup>									
S thickness mm	Kcal m <sup>2</sup> ·h·°C	U W m <sup>2</sup> ·°C	weight Kg/m <sup>2</sup>		SPAN IN m ℓ					SPAN IN m ℓ				
40	0,461	0,536	5,16	Kg/m <sup>2</sup> KN/m <sup>2</sup>	108 1,06	64 0,62	41 0,40	27 0,26	19 0,18	149 1,46	95 0,93	64 0,63	44 0,43	32 0,31
50	0,372	0,433	5,56	Kg/m <sup>2</sup> KN/m <sup>2</sup>	150 1,47	92 0,90	60 0,58	41 0,40	29 0,28	194 1,90	129 1,26	89 0,87	63 0,61	46 0,45
60	0,313	0,364	5,96	Kg/m <sup>2</sup> KN/m <sup>2</sup>	191 1,87	121 1,18	81 0,79	56 0,55	40 0,39	237 2,32	162 1,59	114 1,11	83 0,81	62 0,61
80	0,237	0,276	6,76	Kg/m <sup>2</sup> KN/m <sup>2</sup>	272 2,67	180 1,76	125 1,22	89 0,87	65 0,63	317 3,11	225 2,20	165 1,62	124 1,21	95 0,93
100	0,191	0,222	7,56	Kg/m <sup>2</sup> KN/m <sup>2</sup>	290 2,84	235 2,30	180 1,76	110 1,08	90 0,88	310 2,94	255 2,49	190 1,86	135 1,32	100 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 CC certification. The letter ⓐ shows the required painted side.

