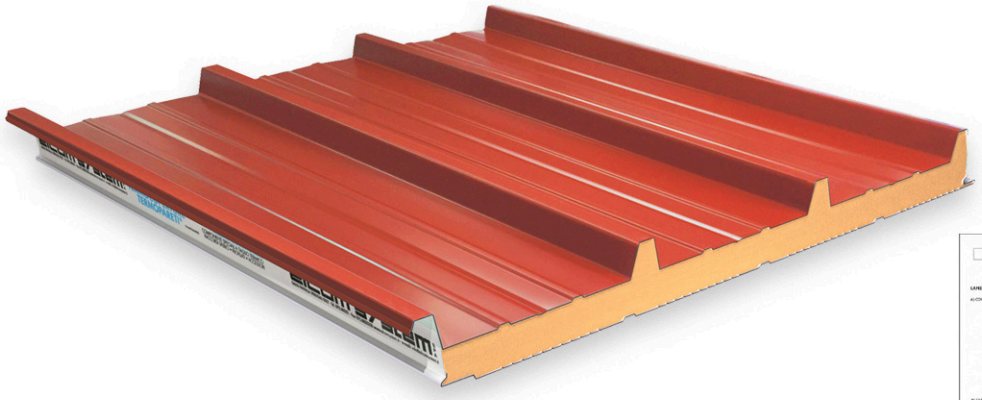
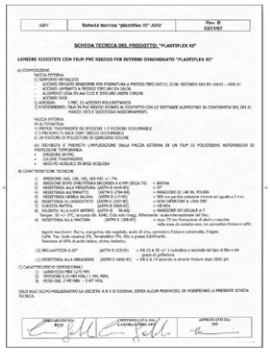
TERMOCOPERTURA®

® registered trade name

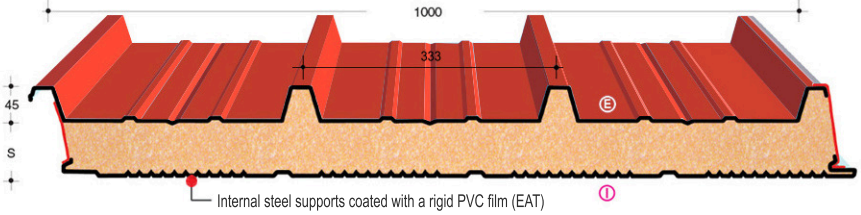
ZOOTEC EAT

ENG



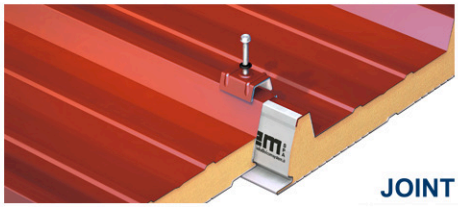


TYPE
ZOOTEC EAT
S
Thickness mm.
30-40-50
60-80-100-120



Flat surface - Internal side

Microribbed surface - Internal side



JOINT

ZOOTEC EAT

THE DEVELOPMENT OF THE PANEL FOR ZOOTECHNY

The panel ZOOTEC EAT, with an internal side cladded with a 120 micron PVC film, has been studied to offer TERMOCOPERTURE® able to grant high mechanical performances and an excellent resistance in facilities with aggressive biological exhalations and chemical products used for cleaning.

THERMIC INSULATION				U.M.	Useful loads uniformely distributed in KG/m² – KN/m² SINGLE SPAN IN m ℓ				
S thickness mm	U Kcal m²·h·°C	U W m²·°C	weight Kg/m²		2,00	2,50	3,00	3,50	4,00
30	0,602	0,700	7,93	Kg/m²	211	121	75	48	32
				KN/m²	2,08	1,19	0,74	0,47	0,31
40	0,461	0,536	8,31	Kg/m²	257	154	98	65	45
				KN/m²	2,53	1,51	0,97	0,65	0,44
50	0,372	0,433	8,68	Kg/m²	305	189	124	85	60
				KN/m²	3,00	1,85	1,22	0,84	0,59
60	0,313	0,364	9,06	Kg/m²	355	225	152	106	76
				KN/m²	3,49	2,21	1,49	1,04	0,75
80	0,237	0,276	9,82	Kg/m²	457	302	210	152	112
				KN/m²	4,49	2,96	2,07	1,49	1,10
100	0,191	0,222	10,57	Kg/m²	562	382	273	201	151
				KN/m²	5,52	3,75	2,68	1,98	1,49
120	0,166	0,193	11,33	Kg/m²	669	463,	337	253	194
				KN/m²	6,56	4,55	3,31	2,49	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.

THERMIC INSULATION				U.M.	Useful loads uniformely distributed in KG/m² – KN/m² SINGLE SPAN IN m ℓ				
S thickness mm	U Kcal m²·h·°C	U W m²·°C	weight Kg/m²		2,00	2,50	3,00	3,50	4,00
30	0,602	0,700	10,76	Kg/m²	278	160	99	65	43
				KN/m²	2,73	1,58	0,98	0,64	0,42
40	0,461	0,536	11,13	Kg/m²	333	200	129	87	60
				KN/m²	3,27	1,96	1,27	0,86	0,59
50	0,372	0,433	11,51	Kg/m²	390	242	161	111	79
				KN/m²	3,83	2,38	1,58	1,09	0,78
60	0,313	0,364	11,89	Kg/m²	448	285	194	137	99
				KN/m²	4,40	2,80	1,91	1,35	0,98
80	0,237	0,276	12,64	Kg/m²	567	376	265	193	144
				KN/m²	5,57	3,69	2,60	1,90	1,42
100	0,191	0,222	13,40	Kg/m²	688	469	339	253	193
				KN/m²	6,76	4,61	3,33	2,49	1,90
120	0,166	0,193	14,15	Kg/m²	811	565	415	315	244
				KN/m²	7,96	5,54	4,08	3,09	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.

PANELS elcom system ITALY

ED. 07/21