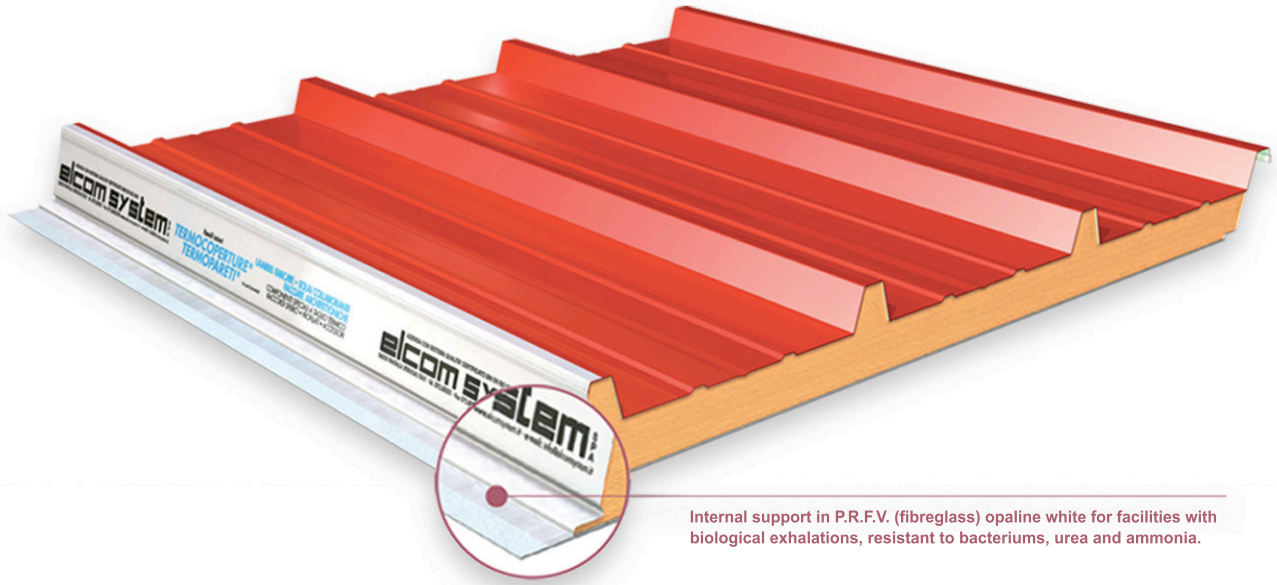
TERMOCOPERTURA®

® registered trade name

ZOOTEC

ENG

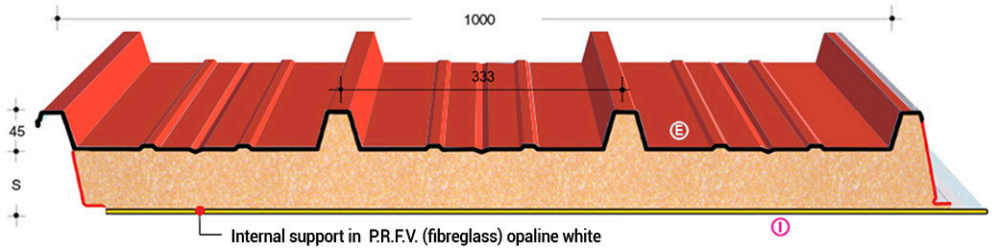


Internal support in P.R.F.V. (fibreglass) opaline white for facilities with biological exhalations, resistant to bacteriums, urea and ammonia.

TYPE

ZOOTEC

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



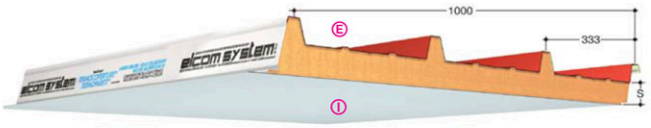
Technical characteristics:

External metallic supports: they are obtained from cold profiling of coils of different materials: **carbon steel** coated with hot dip zinc; **aluminium; copper; stainless steel.** The finishing of steel and aluminium supports consists of an organic coat obtained from a cycle of hot standard polyester prepainting. On request different coats as PVC alimentary or PVDF can be fournished.
Internal support: fibreglass sheet (polyester resins reinforced with fibreglass opaline white)
Insulation: expanded polyurethane (PUR), CFC free.
Main characteristics:
- compressive strength: 140-150 Kpa
- impermeability: 98% closed cells (non hygroscopic material)

Permissible Loads: the values shown in the tables have been calculated according to the ECCS and AIPPEG recommendations and supported by experimental tests.

THE IDEAL PANEL FOR ZOOTECHNY

THERMAL with high insulating capacity and special polyurethane foams
LONG-LASTING time leaves no sign
RESISTANT in facilities with biological exhalations, (bacteriums, urea and ammonia).
LIGHTWEIGHT with only 8,00 kg/m²
VERSATILE suitable for any type of new or existing structure



THERMIC INSULATION			STEEL thickness mm	U.M.	Useful loads uniformely distributed in KG/m² – KN/m² SPAN IN m ℓ													
S thickness mm	U Kcal m²·h·°C	U W m²·°C			1,00	1,50	2,00	2,50	3,00	3,50	4,00	1,00	1,50	2,00	2,50	3,00	3,50	4,00
30	0,602	0,700	0,5	Kg/m²	431	187	101	62	-	-	-	510	222	121	75	49	-	-
				KN/m²	4,23	1,83	0,99	0,61	-	-	-	5,00	2,17	1,18	0,73	0,45	-	-
40	0,461	0,536	0,6	Kg/m²	526	229	125	76	41	-	-	620	270	148	91	61	42	-
				KN/m²	5,16	2,25	1,23	0,75	0,40	-	-	6,08	2,64	1,45	0,89	0,59	0,41	-
50	0,372	0,433	0,8	Kg/m²	702	306	167	103	56	-	-	843	368	202	125	84	58	42
				KN/m²	6,89	3,00	1,64	1,01	0,55	-	-	8,26	3,61	1,98	1,22	0,82	0,56	0,41
60	0,313	0,364	1,0	Kg/m²	878	383	210	129	71	40	-	1067	467	257	160	107	75	54
				KN/m²	8,61	3,76	2,06	1,27	0,70	0,39	-	10,46	4,58	2,52	1,57	1,05	0,74	0,53
80	0,237	0,276																
100	0,191	0,222																
120	0,166	0,193																

LOAD CONDITIONS:
The values shown in the tables are referred to a deflection f≤1/200 of the span ℓ (m). The letter E shows the required painted side.

ED. 07/21

PANELS elcom system ITALY