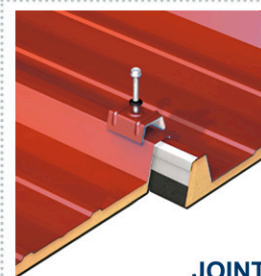
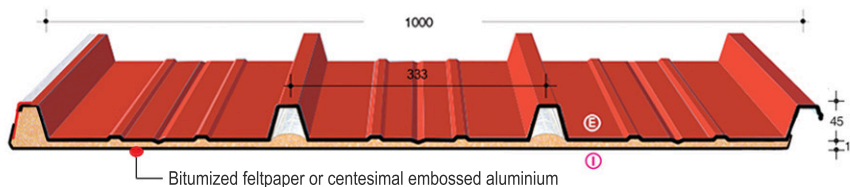




TIPO
SLIM
AC/CB

S
Thickness
mm.10



JOINT

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 coatings can be furnished.

Internal supports: centesimal embossed aluminium or bitumized feltpaper

Insulation: PUR foam. The two ribs in the center are without foam.

Main characteristics:

- Density: 45 kg/m³
- Thermal conductivity coefficient: $\lambda = 0,022 \text{ W/m}^\circ\text{K}$
- Compressive strength: 140-150 Kpa
- Impermeability: 98% closed cells (non hygroscopic material)

Permissible loads: the values shown in the tables, comparable to the ones of the trapezoidal sheets, are calculated according to the ECCS and AIPPEG recommendations and confirmed by tests.

THERMIC INSULATION			STEEL thickness mm	U.M.	Useful loads uniformly distributed in KG/m ² – KN/m ²													
S thickness mm	Kcal m ² ·h·°C	U W m ² ·°C			SPAN IN m ℓ						SPAN IN m ℓ							
10	2,44	2,84	0,5	Kg/m ² KN/m ²	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
					431	187	101	62	-	-	-	510	222	121	75	49	-	-
			4,23	1,83	0,99	0,61	-	-	-	5,00	2,17	1,18	0,73	0,45	-	-		
			0,6	Kg/m ² KN/m ²	526	229	125	76	41	-	-	620	270	148	91	61	42	-
5,16	2,25	1,23	0,75	0,40	-	-	6,08	2,64	1,45	0,89	0,59	0,41	-					
0,8	Kg/m ² KN/m ²	702	306	167	103	56	-	-	843	368	202	125	84	58	42			
6,89	3,00	1,64	1,01	0,55	-	-	8,26	3,61	1,98	1,22	0,82	0,56	0,41					

LOAD CONDITIONS (SLIM AC/CB):

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