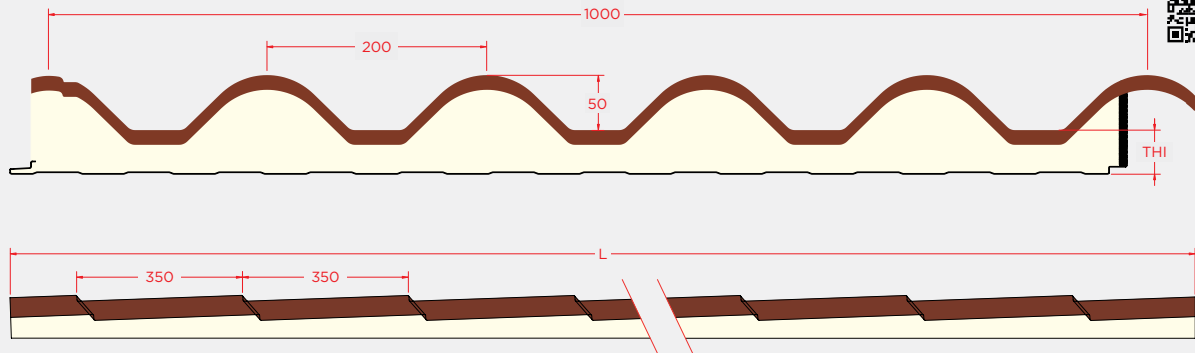
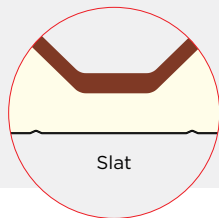
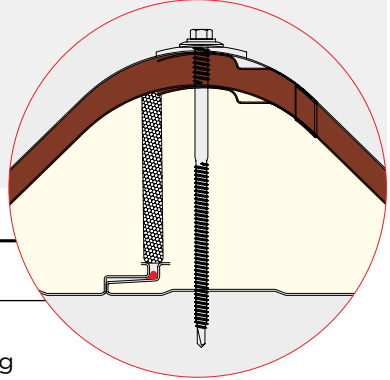
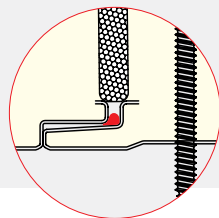


Ribbed



Slat



Designation	Topcover Tile.
Description	Insulating roofing panel with the shape of a traditional tile, composed of two profiled metal sheets joined by an insulating core of rigid polyurethane (PUR) or polyisocyanurate (PIR) foam. The exterior panel has a textured paint finish for a greater resemblance to traditional tiles. In harsher environments, it is recommended to apply silicone to the panel joint to prevent condensation.
Application	Building roofs with a minimum slope of 10%.
Dimensions*	Thicknesses: 30-40-50 mm ± 2 mm Width: 1000 mm ± 2 mm Length: 2,10 – 14,00 m, in multiples of 0,35 m Maximum recommended length: 8,05 m
Metallic support	Galvanized steel sheet S250GD: EN 10142 Thicknesses: 0,4-0,5-0,6 mm
Insulated core	Polyurethane (PUR) Polysocyanurate (PIR) Thermal conductivity: <u>PUR</u> : 0,0207 W/m °C <u>PIR</u> : 0,0207 W/m °C Density: 40 kg/m ³ Reaction to fire: <u>PUR</u> : B-s2,d0 <u>PIR</u> : B-s2,d0 <u>PIR-HI</u> : B-s1,d0
Coating	Standard: Polyester textured paint 25 μ m. Special: Granite HDX 55 μ m Textured color Naive Wood for the interior face. Possibility of metallic coating in lacquered aluminium.

*Tolerances according to EN 14509
W/m K = W/m °C | W/m² K = W/m² °C

Color range

All RAL references presented here, have a textured finish.

Exterior side

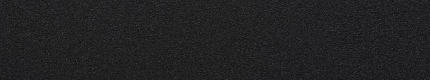
RAL 8004T Copper brown



RAL 8023T Orange brown

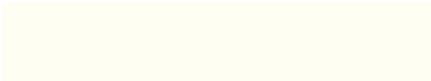


RAL 9005T Jet black



Interior side

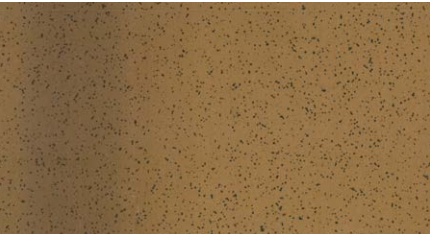
RAL 9010 Pure white



Naïve Wood Textured lacquer



Alvero



Patinao Spanish roof



Thermal behavior and weights

Thickness	mm	30	40	50
Thermal transmittance U	W/m ² °C	0,45	0,37	0,31
Peso (0,5/0,4)	Kg/m ²	10,8	11,2	11,6
Peso (0,5/0,5)	Kg/m ²	11,7	12,1	12,5

W/m K = W/m °C | W/m² K = W/m² °C

Load/Span tables

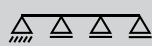
Steel sheet | Thicknesses 0,5/0,4

Simple support conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]								
mm	▲ ▼	1,05	1,40	1,75	2,10	2,45	2,80	3,15	3,50	
30	▲	2,52	1,55	1,08	0,81	0,64	0,52	0,44	0,37	
	▼	1,86	1,10	0,73	0,51	0,37				
40	▲	2,69	1,70	1,21	0,92	0,73	0,60	0,51	0,43	
	▼	1,98	1,20	0,81	0,59	0,44	0,33			
50	▲	2,86	1,85	1,35	1,04	0,84	0,69	0,58	0,50	
	▼	2,11	1,32	0,91	0,67	0,50	0,39	0,30		

▲ Ascending load ▼ Descending load

Multiple support conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]								
mm	▲ ▼	1,05	1,40	1,75	2,10	2,45	2,80	3,15	3,50	
30	▲	2,52	1,53	0,96	0,67	0,50	0,40	0,33		
	▼	1,86	1,10	0,73	0,51	0,37				
40	▲	2,69	1,68	1,07	0,73	0,54	0,43	0,35		
	▼	1,86	1,10	0,73	0,51	0,37				
50	▲	2,86	1,85	1,20	0,82	0,63	0,50	0,40		
	▼	1,86	1,10	0,73	0,51	0,37				

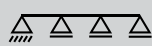
Steel sheet | Thicknesses 0,5/0,5

Simple support conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]								
mm	▲ ▼	1,05	1,40	1,75	2,10	2,45	2,80	3,15	3,50	
30	▲	2,52	1,55	1,08	0,81	0,64	0,53	0,44	0,38	
	▼	1,86	1,10	0,73	0,51	0,38				
40	▲	2,69	1,70	1,21	0,93	0,74	0,61	0,51	0,44	
	▼	1,98	1,21	0,82	0,59	0,44	0,33			
50	▲	2,87	1,86	1,35	1,05	0,84	0,70	0,59	0,51	
	▼	2,11	1,32	0,92	0,67	0,51	0,39	0,30		

▲ Ascending load ▼ Descending load

Multiple support conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]								
mm	▲ ▼	1,05	1,40	1,75	2,10	2,45	2,80	3,15	3,50	
30	▲	2,52	1,54	0,97	0,68	0,50	0,40	0,33		
	▼	1,86	1,10	0,73	0,51	0,38				
40	▲	2,69	1,69	1,08	0,73	0,54	0,43	0,35		
	▼	1,98	1,21	0,82	0,59	0,44	0,33			
50	▲	2,87	1,86	1,21	0,82	0,63	0,50	0,40	0,30	
	▼	2,11	1,32	0,92	0,67	0,51	0,39	0,30		