







DESCRIPTION

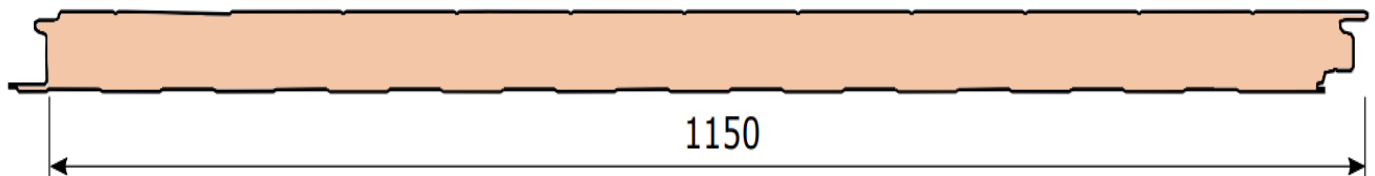
Acoustic siding panel with rock wool insulation core and micro-perforated bottom sheet **to favor sound absorption and avoid reverberations**. The mineral fibers that make up its insulating core are alternated and compacted to **ensure maximum protection with a simple assembly**: the panel is joined to the two adjoining panels to ensure maximum watertightness against leaks and humidity.

At galvanized and pre-lacquered special steels are used, which comply with the **EN 508-1 standard**, with PET, Plastisol, PVC, PVDF, PS50, PS55 and PS200 coatings, among others, according to customer requirements.

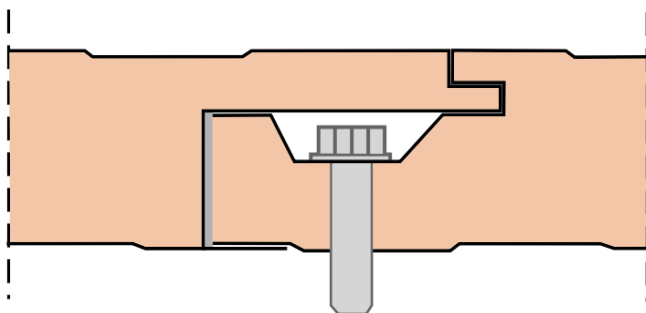
TECHNICAL DATA OF THE ACOUSTIC ROCKWOOL SIDING

Outer Side	Inner Side	Insulation	Thickness	Length
Pre-lacquered steel	Pre-lacquered steel	Rockwool (A2s1d0)	50 / 60 / 80 / 100 / 120 / 150 / 200	Up to 12 m
Most common colours				
 White Pyrenees RAL 9010	 Navarra Green RAL 6005	 Red Tile RAL 3009	 Silver Metallic RAL 9006	

CROSS SECTION OF THE ACOUSTIC ROCKWOOL SIDING



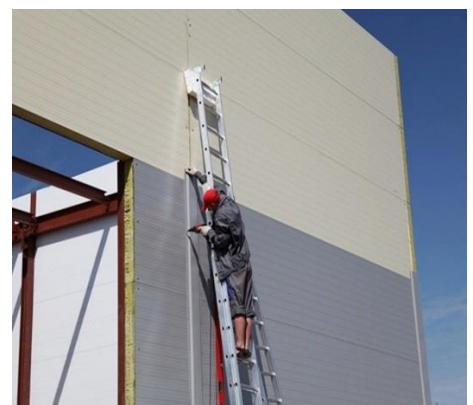
PANEL JOINTS



INSTALLATION

The Fireproof Rockwool Sandwich Panel, for siding, **has an easy assemble system which reduces installation time**. The installation of the fire-resistant panel for siding begins by placing some rails or U-shaped guides on the ground to lift the panels one by one. Once the first panel is placed on the rails, it is screwed to the structure and joined with the next, employing a tongue and groove system, **fixing the appropriate screws between the surface and them**. This way, it achieved a fully construction-protected resistance in case of possible fires, with an extra fundamental value: enough time to evacuate any room.

PHOTOS



TECHNICAL CHARACTERISTICS OF THE ACOUSTIC ROCKWOOL SIDING

- HIGH DENSITY**

Thickness (mm)	Overload Kg/m ²							Acoustic Performance		
	30	60	80	100	120	150	200	Thickness (mm)	Rw (dB)	Ra (dB A)
50	7,00	4,80	3,30	2,80	2,40	2,00	1,50	50	≥ 33	≥ 32,5
60	7,50	5,00	4,50	3,80	3,00	2,50	1,90	60	≥ 33	≥ 32,5
80	8,00	5,50	4,80	4,30	3,40	2,90	2,30	80	≥ 33	≥ 32,5
100	10,00	5,70	5,00	4,50	3,90	3,50	2,80	100	≥ 33	≥ 32,5
120	12,00	6,30	5,50	4,70	4,30	3,90	3,20	120	≥ 33	≥ 32,5
150	13,00	7,50	6,80	6,10	5,40	4,70	3,70	150	≥ 33	≥ 32,5
200	14,00	8,30	7,30	6,50	5,90	5,30	4,50	200	≥ 33	≥ 32,5

Dimensions, weights and thermal characteristics					
Thickness (mm)	Useful width (mm)	Max. Recommended length (m)	Weight (kg/m ²)	Thermal transmittance coef. (W/m ² K)	Fire resistance
50	1.150	8,50	14,2	0,690	EI30
60	1.150	8,50	15,4	0,592	EI60
80	1.150	10,00	17,8	0,455	EI90
100	1.150	11,00	20,2	0,370	EI120
120	1.150	12,00	22,6	0,308	EI240
150	1.150	12,00	26,2	0,253	EI240
200	1.150	12,00	32,2	0,192	EI240

- LOW DENSITY**

Thickness (mm)	Overload Kg/m ²							Acoustic Performance		
	30	60	80	100	120	150	200	Thickness (mm)	Rw (dB)	Ra (dB A)
50	5,50	4,00	3,00	2,40	2,00	1,60	1,30	50	≥ 31	≥ 30,5
60	5,50	4,00	3,00	2,40	2,00	1,60	1,30	60	≥ 31	≥ 30,5
80	8,60	5,32	4,35	3,80	3,45	2,75	2,25	80	≥ 31	≥ 30,5
100	10,00	6,35	5,16	4,60	4,20	3,45	2,75	100	≥ 31	≥ 30,5
120	10,00	6,35	5,16	4,60	4,20	3,45	2,75	120	≥ 31	≥ 30,5
150	10,00	6,35	5,16	4,60	4,20	3,45	2,75	150	≥ 31	≥ 30,5
200	10,00	6,35	5,16	4,60	4,20	3,45	2,75	200	≥ 31	≥ 30,5

Dimensions, weights and thermal characteristics					
Thickness (mm)	Useful width (mm)	Max. Recommended length (m)	Weight (kg/m ²)	Thermal transmittance coef. (W/m ² K)	Fire resistance
50	1.150	7,00	12,7	0,690	A2-s1-d0
60	1.150	7,00	13,6	0,592	A2-s1-d0
80	1.150	9,00	15,4	0,455	A2-s1-d0
100	1.150	10,00	17,2	0,370	A2-s1-d0
120	1.150	11,00	19,0	0,308	A2-s1-d0
150	1.150	12,00	21,7	0,253	A2-s1-d0
200	1.150	12,00	26,2	0,192	A2-s1-d0