





## DESCRIPTION

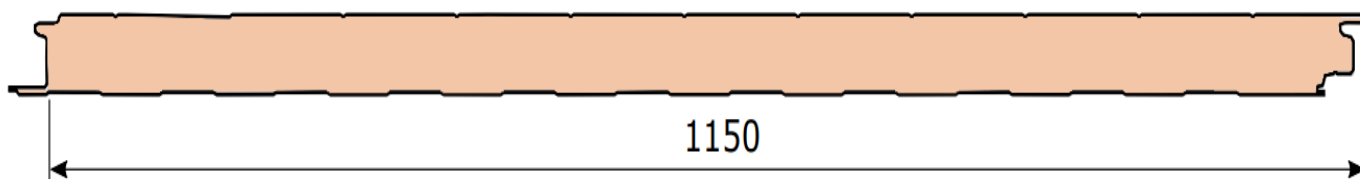
Acoustic siding panel with rock wool insulation core and micro-perforated bottom sheet **to favor sound absorption and avoid reverberations**. The mineral fibers that make up its insulating core are alternated and compacted to **ensure maximum protection with a simple assembly**: the panel is joined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

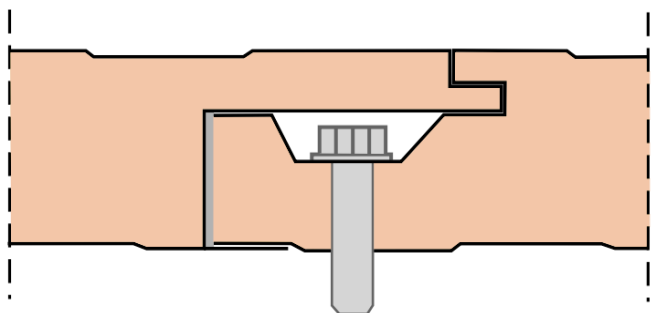
## TECHNICAL DATA OF THE ACOUSTIC ROCKWOOL SIDING

Outer Side	Inner Side	Insulation	Thickness	Length
Pre-lacquered steel	Micro-perforated 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



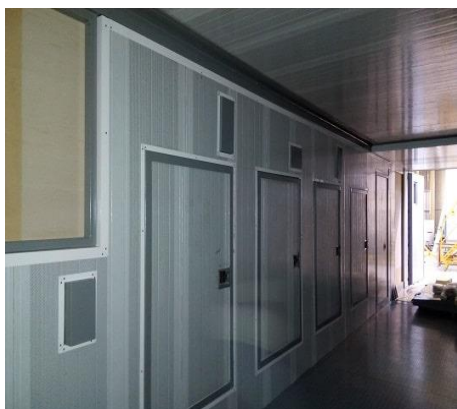
## PANEL JOINTS



## INSTALLATION

Another advantage that you will find in our Rockwool Acoustic Panel for siding is **its simple assembly and installation system**. Its low and adjusted price is amortized from the first moment saving on labor cost labor and machinery necessary for the installation. In addition, in Panel Sandwich Group, we provide special screws to fix the panels to the structure, and we have a U-shaped finish that serves as a guide and rail anchored to the ground to lift the panels one by one.

## PHOTOS



## TECHNICAL CHARACTERISTICS OF THE ACOUSTIC ROCKWOOL SIDING

- HIGH DENSITY**

Thickness (mm)	Overload Kg/m <sup>2</sup>							Acoustic Performance		
	30	60	80	100	120	150	200	Thickness (mm)	Rw (dB)	Ra (dB(A))
50	5,73	3,64	2,77	2,21	1,85	1,47	1,19	50	≥ 35,0	≥ 34,4
60	5,93	3,84	3,11	2,83	2,33	1,81	1,36	60	≥ 35,0	≥ 34,4
80	6,77	4,60	3,79	3,29	2,98	2,38	1,53	80	≥ 37,0	≥ 36,2
100	8,07	5,48	4,46	3,99	3,64	2,98	1,75	100	≥ 37,0	≥ 36,2
120	9,27	6,44	5,09	4,66	4,35	3,42	2,15	120	≥ 37,0	≥ 36,2
150	10,28	8,25	6,87	6,33	5,79	4,80	3,10	150	≥ 37,0	≥ 36,2
200	12,43	11,07	9,21	8,53	7,06	6,33	4,52	200	≥ 37,0	≥ 36,2

Dimensions, weights and thermal characteristics					
Thickness (mm)	Useful width (mm)	Max. Recommended length (m)	Weight (kg/m <sup>2</sup> )	Thermal transmittance coef. (W/m <sup>2</sup> K)	Fire resistance
50	1.150	8,50	13,9	0,690	EI30
60	1.150	8,50	14,6	0,592	EI30
80	1.150	10,00	17,0	0,455	EI60
100	1.150	11,00	19,4	0,370	EI120
120	1.150	12,00	21,8	0,308	EI120
150	1.150	12,00	25,4	0,253	EI120
200	1.150	12,00	31,4	0,192	EI120

- LOW DENSITY**

Thickness (mm)	Overload Kg/m <sup>2</sup>							Acoustic Performance		
	30	60	80	100	120	150	200	Thickness (mm)	Rw (dB)	Ra (dB(A))
50	5,07	3,22	2,45	1,96	1,64	1,30	1,05	50	≥ 31	≥ 30,6
60	5,25	3,40	2,75	2,50	2,06	1,60	1,20	60	≥ 31	≥ 30,6
80	5,99	4,07	3,35	2,91	2,64	2,11	1,35	80	≥ 34,0	≥ 34,2
100	7,14	4,85	3,95	3,53	3,22	2,64	1,55	100	≥ 34,0	≥ 34,2
120	8,20	5,70	4,50	4,12	3,85	3,05	1,90	120	≥ 34,0	≥ 34,2
150	9,10	7,30	6,08	5,60	5,12	4,25	2,80	150	≥ 34,0	≥ 34,2
200	11,00	9,80	8,15	7,55	6,25	5,60	4,00	200	≥ 34,0	≥ 34,2

Dimensions, weights and thermal characteristics					
Thickness (mm)	Useful width (mm)	Max. Recommended length (m)	Weight (kg/m <sup>2</sup> )	Thermal transmittance coef. (W/m <sup>2</sup> K)	Fire resistance
50	1.150	7,00	11,9	0,690	A2-s1-d0
60	1.150	7,00	12,8	0,592	A2-s1-d0
80	1.150	9,00	14,6	0,455	A2-s1-d0
100	1.150	10,00	16,4	0,370	A2-s1-d0
120	1.150	11,00	18,2	0,308	A2-s1-d0
150	1.150	12,00	20,9	0,253	A2-s1-d0
200	1.150	12,00	25,4	0,192	A2-s1-d0