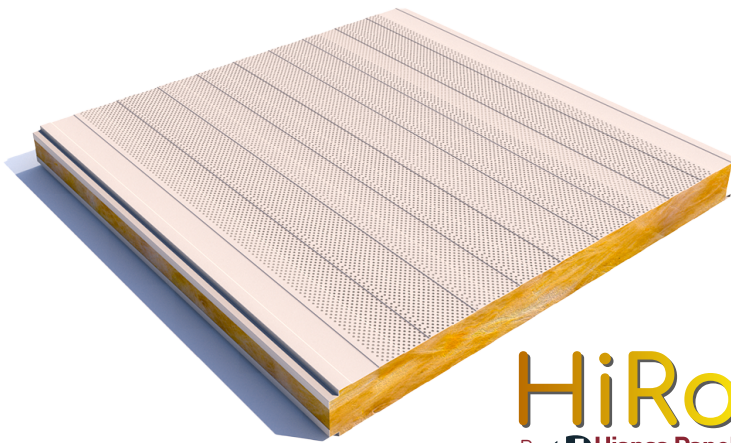


**PARTITIONING PANEL - HiRock - ACOUSTIC**
**VIEW FASTENING OF PARTITIONING PANEL**

**EXTERIOR FACE**  
 Pre-painted steel

**INSULATION**  
 Rock Wool  
 100 - 125 kg/m<sup>3</sup>

**INTERIOR FACE**  
 Pre-painted steel

**THICKNESSES mm (in.)**  
 40/50/60/80/100/120  
 [1.57/1.97/2.36/3.15/3.94/4.72]

**USEFUL WIDTH:**  
 1000 mm  
 (39.37 in.)

**USE**  
 Façades  
 Partitioning

**HiRock**  
 By  Hiansa Panel

**TECHNICAL SPECIFICATIONS**

Fire: A2-s1,d0 || Water: Non-hydrophilic || Acoustic: depending on its thickness | Neither causes nor favors the corrosion of materials. It does not promote bacterial development.

Screw-fastened panel, view of application in all types of modular solutions. It has the same types of finishes and aesthetic solutions as the façade panel.

**ROCK WOOL PARTITIONING PANELS - HIROCK - Acoustic - 125 kg/m<sup>3</sup>**

Thickness	mm [in.]	40 (1.57)	50 (1.97)	60 (2.36)	80 (3.15)	100 (3.94)	120 (4.72)	
Weight <sup>(1)</sup>	[kg/m <sup>2</sup> ]	10.54	11.54	12.53	14.53	16.52	-	
Heat transfer <sup>(1)</sup>	[W/m <sup>2</sup> ·K]	Roof	0.904	0.715	0.584	0.434	0.347	-
		Façade	0.884	0.702	0.575	0.428	0.343	-
Fire resistance <sup>(2)</sup>	UNE-EN 13.501-1	A2-s1,d0						
Fire resistance <sup>(2)</sup>	UNE-EN 13.501-2	-	EI 30	EI 30	EI 90 E 120	EI 180	-	
Acoustic absorption	[aw]	0.95						
Acoustic Insulation (Rw) <sup>(3)</sup>	[dB]	-	30 dB	31 dB	31 dB	32 dB	-	

<sup>(1)</sup> Values for nominal sheet thicknesses 0.5 mm - 0.5 mm and panel width of 1 m.

<sup>(2)</sup> See available certificates.

<sup>(3)</sup> Query for C (pink noise) and Ctr (Traffic Noise) values

**GEOMETRIC SPECIFICATIONS AND FINISHES**


Micro-profile finish on both sides



Detail of tongue and groove joint system



## STANDARDS APPLIED

Ref. Standard	Description
EN 14509-2014	Metal double-sided insulated self-supporting sandwich panel. Products made at the factory. Specifications.
EN 13162	Thermal insulation products for building applications. Manufactured products of mineral wool (MW). Specifications.
EN 10169	Flat steel products, continuous coated with organic materials (pre-painted). Technical supply conditions.
EN 13501	Classification based on the fire performance of construction products and building elements. Part 1.

## RESISTANCE TABLES

### OVERLOADS [Kg/m<sup>2</sup>] HiRock PARTITIONING (Acoustic) - 125 kg/m<sup>3</sup>

		SPAN [m]				
Panel (mm)		1.5	2	2.5	3	3.5
1 opening	40	110	-	-	-	-
	50	123	92	-	-	-
	60	145	121	-	-	-
	80	176	142	110	-	-
	100	201	158	148	106	94
2 openings	40	114	-	-	-	-
	50	127	95	-	-	-
	60	150	125	-	-	-
	80	182	147	114	-	-
	100	208	164	153	110	97
3 openings	40	121	-	-	-	-
	50	135	101	-	-	-
	60	160	133	-	-	-
	80	194	156	121	-	-
	100	221	174	162	117	103

*Calculations performed for Steel S220GD; L/200; nominal sheet thicknesses 0.5-0.5*

## COLORS

Standard colors (\*\*\*):

Pearl Gray  
5001



Silver Metallic  
9006



Pyrenees White  
1006



Bidasoa Cream  
2002



Navarra Green  
3000



Teja Red  
7001



(\*\*\*) other colors on request

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