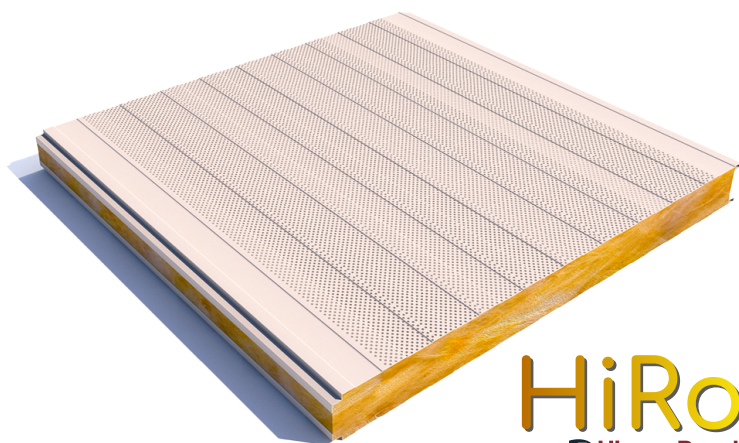


PARTITIONING PANEL - HiRock - ACOUSTIC

VIEW FASTENING OF PARTITIONING PANEL



EXTERIOR FACE
Pre-painted steel

INSULATION
Rock Wool
100 - 125 kg/m³



INTERIOR FACE
Pre-painted steel

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



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/m³

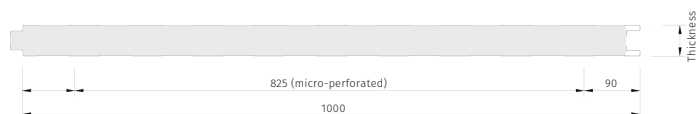
Thickness	mm [in.]		40 (1.57)	50 (1.97)	60 (2.36)	80 (3.15)	100 (3.94)
Weight ⁽¹⁾	[kg/m ²]		10.54	11.54	12.53	14.53	16.52
Heat transfer ⁽¹⁾	[W/m ² ·K]	Roof	0.904	0.715	0.584	0.434	0.347
		Façade	0.884	0.702	0.575	0.428	0.343
Fire Reaction ⁽²⁾	UNE-EN 13.501-1		A2-s1,d0				
Acoustic absorption	[α _w]	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

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

⁽²⁾ See available certificates.

⁽³⁾ Query for C (pink noise) and C_{tr} (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/m²] HiRock PARTITIONING (Acoustic) - 125 kg/m³

		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