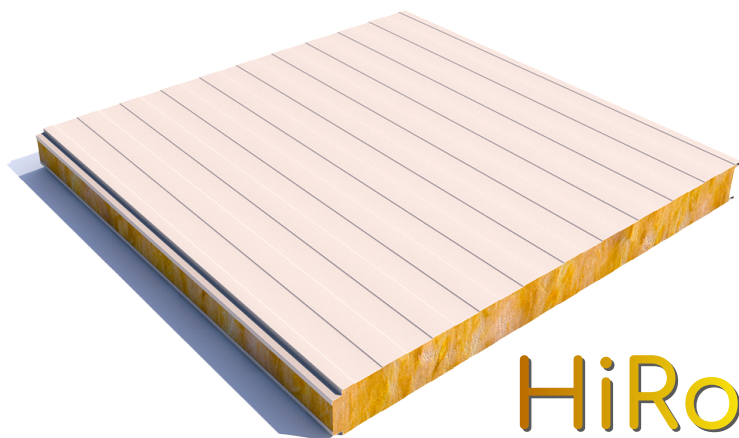


PARTITIONING PANEL - HiRock

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.

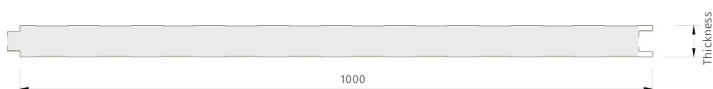
ROCK WOOL PARTITIONING PANELS - HiRock - 125 kg/m³

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				
Fire resistance ⁽²⁾	UNE-EN 13.501-2		-	EI 30	EI 30	EI 90 E 120	EI 180

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

⁽²⁾ See available certificates.

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 - 125 kg/m³

		SPAN [m]				
Panel (mm)		1.5	2	2.5	3	3.5
1 opening	40	147	-	-	-	-
	50	164	123	-	-	-
	60	194	161	-	-	-
	80	235	189	147	-	-
	100	268	211	197	141	125
2 openings	40	152	-	-	-	-
	50	169	127	-	-	-
	60	200	166	-	-	-
	80	243	195	152	-	-
	100	277	219	204	146	130
3 openings	40	162	-	-	-	-
	50	180	135	-	-	-
	60	213	177	-	-	-
	80	258	208	161	-	-
	100	295	232	216	155	138

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

HIANSÁ PANEL S.A. reserves the right at all times to make changes to this document without prior notice.