

FAÇADE PANEL - HiRock

FAÇADE PANEL HIDDEN FIXING



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

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.

The enclosure solution for façades is a panel with hidden screws that can be made in different finishes (micro-profiling, semi-smooth and smooth), which combined with the different possibilities of materials (steel, aluminum) and qualities of the cladding and colors, allows for offering aesthetic and technical solutions that are adapted to each project.

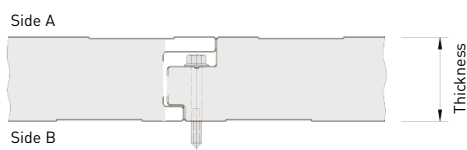
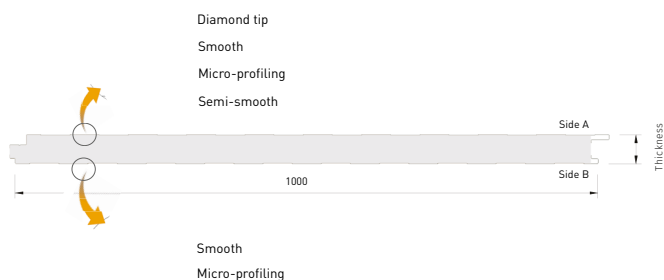
ROCK WOOL FAÇADE PANELS - HiRock - 125 kg/m³

Thickness	mm [in.]		40 (1.57)	50 (1.97)	60 (2.36)	80 (3.15)	100 (3.94)
Weight ⁽¹⁾	[kg/m ²]		11.56	12.53	13.50	15.43	17.37
Heat transfer ⁽¹⁾	[W/m ² ·K]	Roof	0.970	0.793	0.671	0.456	0.358
		Façade	0.948	0.778	0.660	0.450	0.354
Fire resistance ⁽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



Detail of fixing 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 FAÇADE - 125 kg/m³

		SPAN [m]				
Panel [mm]		1.5	2	2.5	3	3.5
1 opening	40	149	-	-	-	-
	50	165	124	-	-	-
	60	196	162	-	-	-
	80	237	191	148	-	-
	100	271	213	199	143	127
2 openings	40	154	-	-	-	-
	50	171	128	-	-	-
	60	203	168	-	-	-
	80	246	197	153	-	-
	100	280	221	206	148	131
3 openings	40	164	-	-	-	-
	50	182	136	-	-	-
	60	215	179	-	-	-
	80	261	210	163	-	-
	100	298	235	219	157	139

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