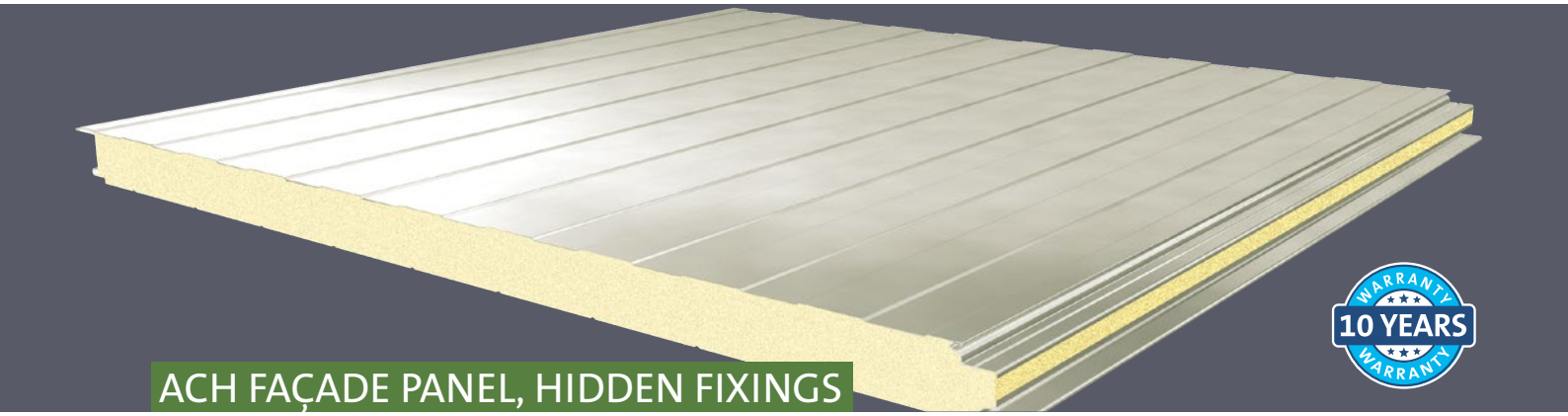
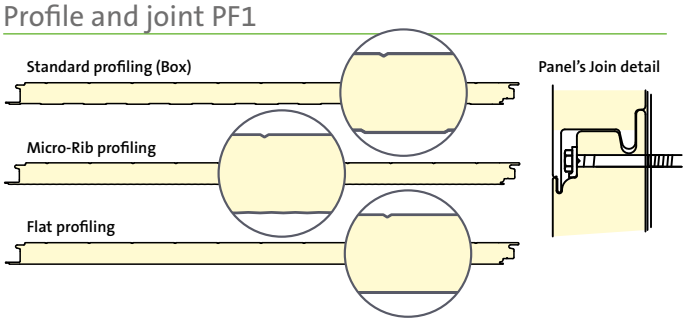


ACH FAÇADE PANEL, HIDDEN FIXINGS

ACH PUR PANEL

Profile and joint PF1



Description

ACH panels are formed by two steel sheets and a rigid polyurethane (PUR) foam core.

The steel sheets are according to the EN10346 norm and its thickness can range between 0.4 and 0.8 mm, being ACH standard thickness **0.5 mm**. There are several coatings available for each panel use: SP25, PVDF25, PVDF35, HDS35, HDX55, PRISMA55, HPS200, etc., all according to the EN 10169 standard. The standard ACH coating is epoxy polyester. ACH also supplies other materials, on request: aluminium, stainless steel, etc.

The rigid foam core complies with the EN 13165 standard.

Uses

ACH panels are specially designed for the construction of the envelope of industrial or commercial buildings and warehouses. They can either be used for roofing, cladding and indoor wall partitioning of the following types of buildings:

- Heated premises.
- Food and pharmaceutical industry.
- Manufacturing premises.
- Premises where fire behaviour is an important requirement.
- Cold rooms.
- Buildings where the activity is being modified or to let.

ACH panels standard colours

Outer side						Inner side
White Pyrenees 1006	Green Navarra 3000	Bidasoa Cream 2002	Red Roof Tile 7001	Pearl Grey 5001	Silver Metallic RAL9006	White Pyrenees 1006

Advantages

Being a prefabricated metallic insulated panel, ACH benefits are assembly ease and speed, design and look homogeneity and finish high quality, having the highest certifications.

Dimension, weight and thermal properties

Thickness mm	Width mm	Maximum recommended length (m)	Weight kg/m²	Thermal transmission coefficient W/m²K
40	1,150	14	10.05	0.54
50	1,150	14	10.43	0.44
60	1,150	14	10.78	0.37
80	1,150	14	11.53	0.27
100	1,150	14	12.29	0.22

Panel´s weight variation, increasing or decreasing the thickness of the sheet: 0.85 kg / 0.1 mm.

Fire Reaction

F classification, according to EN-13501-1 standard.

Limit temperature of use and behaviour to water

- Applications from **-50°C** to **+90°C.**
- Not hydrophilic.

Mechanical bending properties

Overload table of bi-supported panel.

Overload (kg/m²)		Span (m)					
		1.50	1.75	2.00	2.50	2.75	3.00
Thickness (mm)	40	268	218	181	129	110	98
	50	347	284	235	172	149	132
	60	-	352	285	217	188	170
	80	-	-	390	300	245	238
	100	-	-	-	386	240	315

Arrow L/200.

Product certifications

CE marked according to EN 14509 standard.

Saint-Gobain
World leader in sustainable habitat.

Customer Support
+34 949 20 98 68 / +34 949 20 98 99

Social networks

Address
C/ Los Corrales. Parcelas C5 y C6
Polígono Industrial "La Ballestera"
19208 – Alovera (Guadalajara) – SPAIN
www.panelesach.com / email: info@panelesach.com