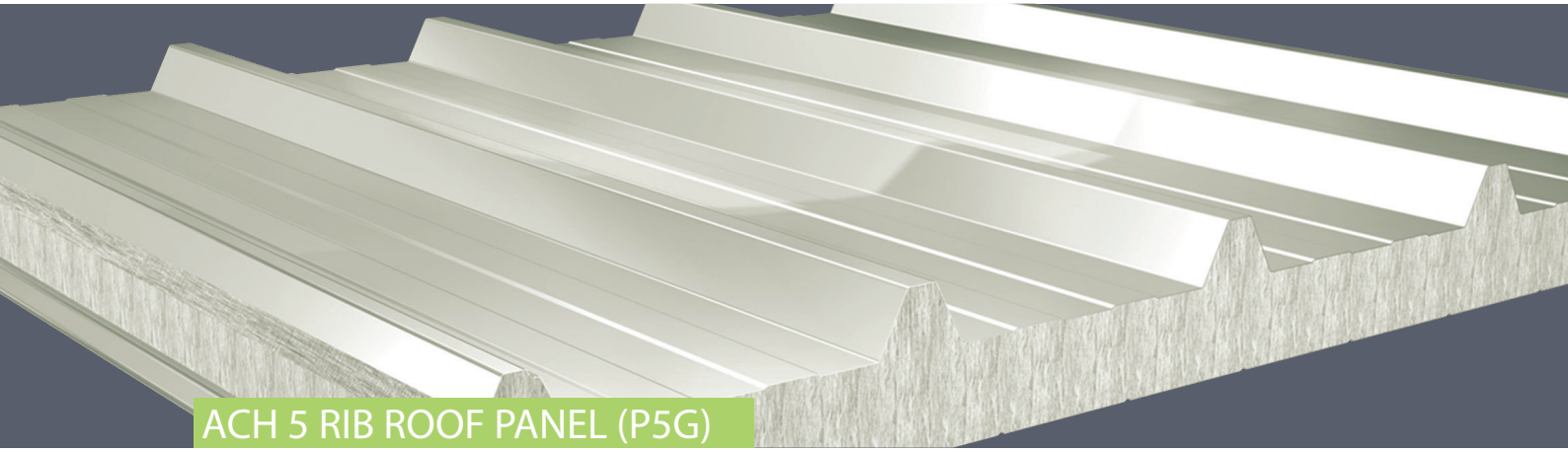
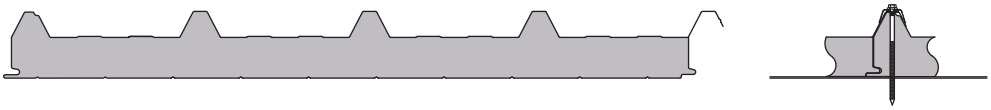


ACH 5 RIB ROOF PANEL (P5G)

60 mm thick, Mineral Wool core - Density type "M"

Profile and side joint P5G



Description

ACH P5G Roof Panel is manufactured with two pre painted steel sheets, bonded with organic glued to the mineral core. The steel sheets fulfill the EN10346 standards and they are available from 0.5mm to 1.00mm thick, being 0.5mm ACH´s standard thickness. To meet each project special appliance, ACH offers several coating options: SP25, PVDF25, PVDF35, HDS35, HDX55, PRISMA55, HPS200, etc. All according to EN 10169. ACH standard coating is 25µm Polyester (SP25).
ACH P5G Roof Panel can be manufactured with other materials, upon request: Aluminum, Stainless Steel, etc.
The Mineral core is produced according to EN13162.

Applications

ACH 5 RIBS ROOF PANEL is specially designed for the industrial and large commercial building´s roofing.
ACH P5G can also be used for the roofing construction of:
- Warehousing: small, medium or large size, usually with thermal insulation requirements.
- Internal acoustic insulation for industrial facilities.
- When fire protection is required or established by the Building Regulations and Standards.
- Parking and garages, to prevent fire propagation.
- Data Centers, where fire suppression is obligatory, in addition to high temperatures and noise insulation.
- Storage buildings designed for flammable and/or combustible substances storage.

Advantages

ACH prefabricated panels advantages are: easy and fast installation, lighter structure, higher finishing quality, fire protection, acoustic and thermal insulation, time and cost saving, with the best quality certification.

Performance

Thickness mm	Width mm	Maximum recomended Length: m	Core´s Type	Weight kg/m²	"U" W/m²K
60	1.000	9,00	M	16,7	0,561

Acoustics*

R_w (dB)	R_A (dbA)
≥33,0	≥32,5

* Consult certificates.

Fire Reaction classification

A2-s1, d0 according EN-13501-1.

Fire Resistante

N.A. (Not applicable)

Range of application and behavior in the presence of water

- Temperature between -40°C and +180°C.
- Not hydrophilic.

*These are specific maximum temperatures, with the panel properties only guaranteed up to 100ºC if it is a continuous temperature.

Span Table

Single span condition

Load kg/m²	80	100	120	150	200
Max. span (m)	4,40	3,75	3,10	2,80	2,25

Deflection limit L/200. Security coefficient: 1,8.

Quality

CE. Quality control complying with UNE EN 14509.

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