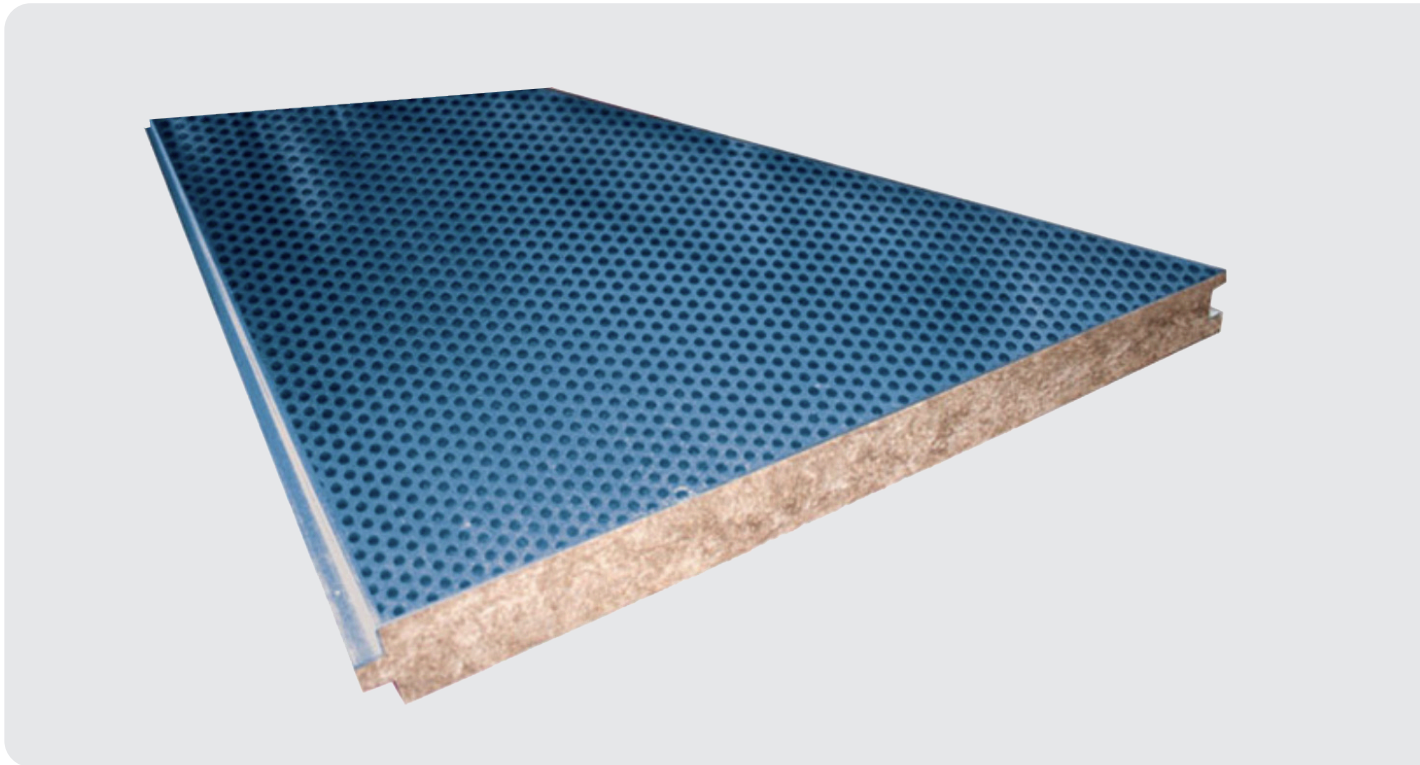


Invespan Roc Acoustic

Mineral wool insulation panel for acoustic cabins



- The Invespan Roc Acoustic insulation panel combines high acoustic and thermal insulation, thanks to its high performance mineral wool core, with a high acoustic absorption index, due to its perforated sheet face.
- The Invespan Roc Acoustic range includes panels in thicknesses between 50 mm and 150 mm, and is ideal for the construction of acoustic cabins in the industrial and construction sectors.

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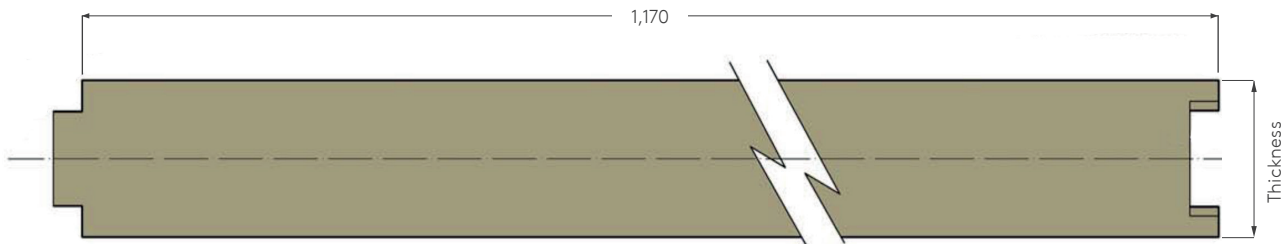


Description and applications

- Insulating sandwich panel with mineral wool core and double steel face, with one side perforated to increase its acoustic absorption.
- Wide range of panels, with thicknesses from 50 mm to 150 mm.
- Designed for acoustic booth walls and ceilings in the industrial and construction sectors.



Technical features



Useful width	1,170 mm					
Insulating core	Mineral wool LD: 130 kg/m ³					
Panel thickness (mm)	50	60	80	100	120	150
Thermal transmittance ⁽¹⁾ (W/m²·K)	0.78	0.64	0.48	0.38	0.32	0.26
Dead weight ⁽²⁾ (kg/m²)	12.95	14.25	16.85	19.45	22.05	25.95

(1) Calculated using a simplified method for calculating the thermal transmittance of a panel and considering 0.5 mm thick sheets.

(2) Considering 0.5 mm thick sheets, one of them with a 39.5% perforation.

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Components

Insulating core

- Mineral wool slabs of density 130 kg/m³ (LD)

External faces

- Cold-formed sheet from pre-painted, galvanised or stainless steel coil, sheet thicknesses from 0.5 mm to 1.0 mm. Perforated sheet thicknesses 0.6 or 0.8 mm.

Gasket joint

- Easy to assemble tongue and groove joint.
- The panel can be supplied with different end seal configurations: male-female, male-smooth, male-male, female-female, female-smooth and smooth-smooth.

Finishes

Profiling options

- Smooth finish.

Available coatings

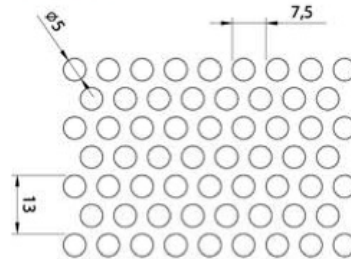
- Coating: The outer steel faces of the panel are available in various colours and high durability coatings: PET, PVC and HDX. Other finishes on request.

Colors

- Standard manufacture: Pyrenean White 1006 in lacquer 25 microns.

Perforation pattern inner side

- Uniform perforation: 5 mm diameter, R5 T7.5, 39.5% perforation.



Certifications and applicable regulations

Implementing legislation

- Hot-dip galvanised sheet steel in accordance with EN 10346:2015 and organic coatings in accordance with EN 10169:2014.
- Mineral wool core according to EN 13162:2012 + A1:2015.