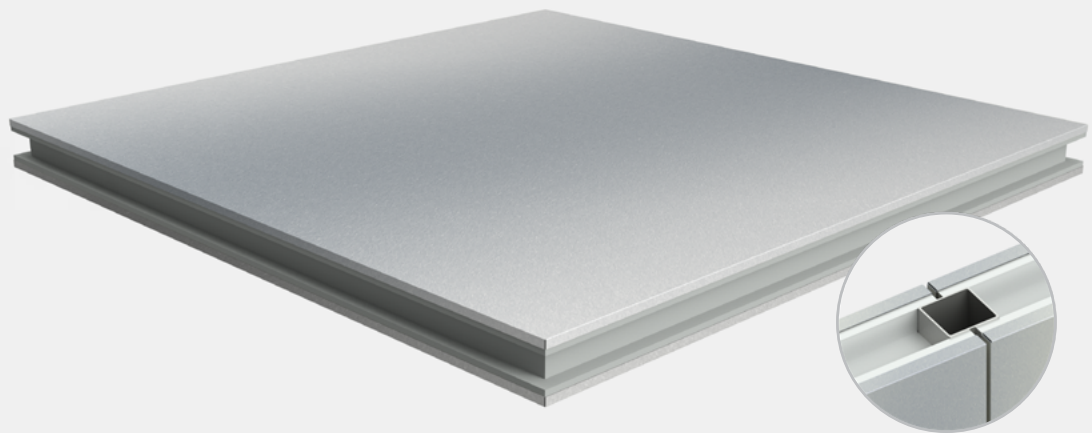


# Panel-Lab Roc Alu Inox

Mineral wool core panel  
for white rooms



CE

- The mineral wool core of the Panel-Lab Roc Alu insulating panel provides high compressive strength, excellent thermal and acoustic insulation, and outstanding durability.
- The high performance of Panel-Lab Roc Alu, such as its rigidity, strength and durability, makes it an ideal panel for the construction of walls and ceilings in clean rooms.



invespanel

# Panel-Lab Roc Alu

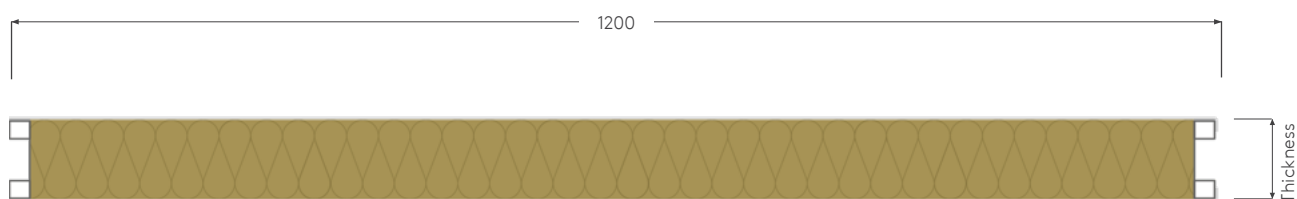


## Description and applications

- Sandwich panel with a rock wool core, available in two possible densities, and stainless steel faces with a thickness of 0.6 mm.
- Wide range of highly durable coatings, adapted to the environment in which the panel will be installed.
- The panel, which incorporates an aluminium framing profile, has been designed for the construction of walls, ceilings and partitions in clean rooms, laboratories, research centres, the pharmaceutical sector, etc.



## Technical features



<b>Useful width</b>		1.200 mm			
<b>Manufacturing length <sup>(1)</sup></b>		0.5 to 4.1 m			
<b>Core density</b>		Mineral wool LD: 130 kg/m <sup>3</sup>   Mineral wool HD: 150 kg/m <sup>3</sup>			
<b>Panel thickness (mm)</b>		40	50	60	80
<b>Self-weight <sup>(2)</sup> (kg/ml)</b>	<b>LD Core</b>	19.10	20.55	22.27	25.75
	<b>HD Core</b>	20.03	21.72	23.68	27.64
<b>Thermal transmittance <sup>(3)</sup> (W/m<sup>2</sup>.K)</b>	<b>LD Core</b>	0.86	0.70	0.6	0.46
	<b>HD Core</b>	0.90	0.74	0.62	0.48

(1) Non-standard measurements available upon request.

(2) Considering 0.6 mm thick sheets and aluminium trim on two edges.

(3) Obtained by simplified method for the calculation of the thermal transmittance of a panel, considering 0.6 mm thick sheets.

# Panel-Lab Roc Alu



## Certifications and applicable regulations

### Reaction-to-fire classification

- The Panel-Lab Roc Alu panel has the reaction to fire classification A2 - s1, d0 according to EN 13501-1:2018 (Euroclasses).

### Product certifications

- CE mark according to EN 14509:2013.



## Components

### Insulating core

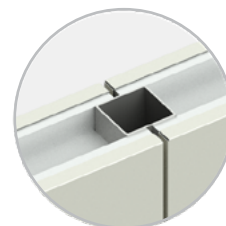
- Mineral wool with density 130 kg/m<sup>2</sup> (LD) or 150 kg/m<sup>2</sup> (HD).

### Panel facing

- Stainless steel A304
- Standard sheet thickness 0.6 mm

### Gasket joint

- Gasket joint, with an aluminium profile, which allows the wall or ceiling support profiles to be placed inside.



## Finishes

### Profiling option

- Flat finish.

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### Kingspan | Invespanel

Pol. Buicio, Sector 6 Nave 4  
E - 26360 Fuenmayor (La Rioja)  
T: +34 941 450 923  
E: [info@invespanel.com](mailto:info@invespanel.com)  
[www.invespanel.com](http://www.invespanel.com)

