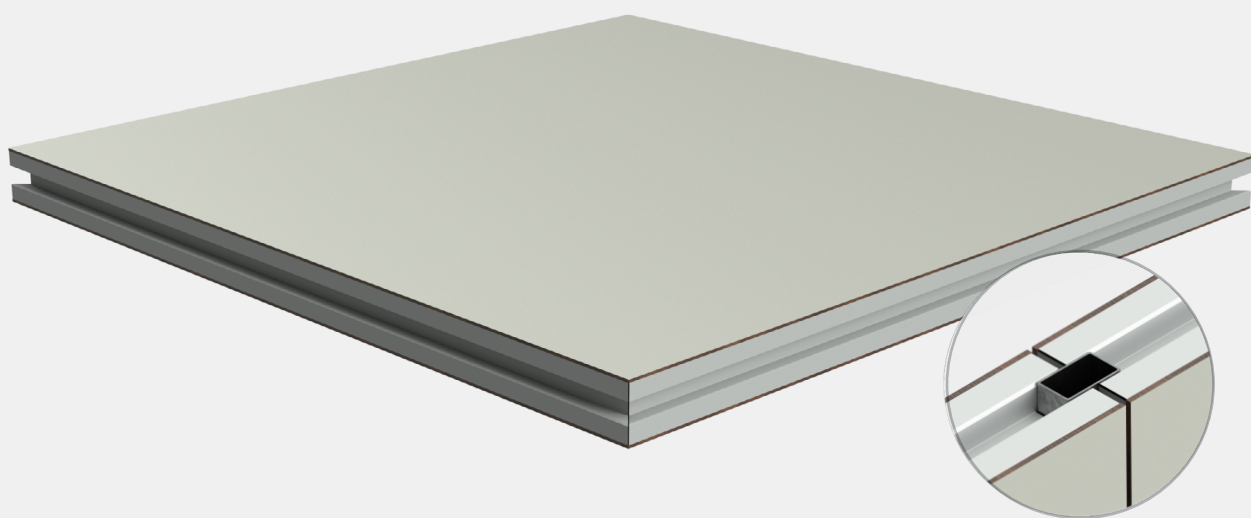




Panel-Est Roc Alu

Panel with rock wool and aluminium profile for clean rooms



- The high performance of Panel-Est Roc Alu, such as its rigidity and durability, make it an ideal panel for use in clean room enclosures.
- The rock wool insulating core provides high thermal and acoustic properties.



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Panel-Est Roc Alu

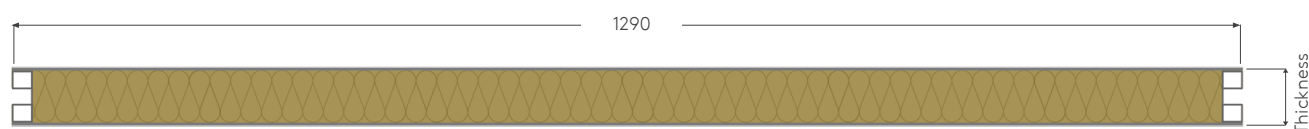


Description and applications

- Sandwich panel with mineral wool core and 3 mm thick phenolic resin (HPL) exterior faces and aluminium perimeter profile.
- The panel is specially designed for use in white rooms, partition wall systems and door infills.
- Panel-Est Roc Alu is characterised by its wear resistance and structural stability. Thanks to the design of its components, it is a solution with high resistance to moisture and impact, making it suitable for white rooms, hospitals, laboratories and GMP rooms.



Technical features



Standard dimensions (width x length) ⁽¹⁾	1290 x 3040 mm / 940 x 2140 mm	
Insulating core	Mineral wool	
Core density	HD (150 kg/m ³ (+10, -0 kg/m ³))	
Panel thickness (mm)	60	
Dead weight ⁽²⁾	kg/ml	22.07
	kg/m²	17.11

(1) Non-standard measurements available upon request.

(2) Considering 3 mm / 3 mm phenolic resin faces (int/ext).

Panel-Est Roc Alu



Components

Insulating core

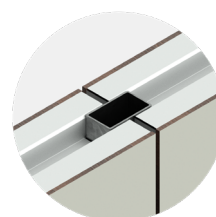
- High-density (HD) rock wool with a density of 150 kg/m³.

Outer faces

- 3 mm thick thermosetting phenolic resin sheets (HPL).
For other thicknesses, please consult availability.

Rebated joint

- Rebated joint with aluminium frame profile, which allows wall or ceiling support profiles to be housed inside. Wall or ceiling support profiles.



Finishes

Finishing options

- Finish of the outer faces: Smooth finish.

Coatings

- The phenolic resin faces are coated with treatments that improve the reaction to fire and moisture to humidity.

Colors

- The standard colours are Baikal White and Alpine White. Alpine White. For other colours, please check availability.

Perforation option

- Possibility of customised mechanised on the panel.

Certifications and applicable regulations

Implementing regulations raw material

- EN 438-4:2016 manufacturing standard for high-pressure decorative laminates (HPL).
- EN 13162:2012+A1:2015, thermal insulation products for building applications, mineral wool manufacturing standard. Manufactured mineral wool products.



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