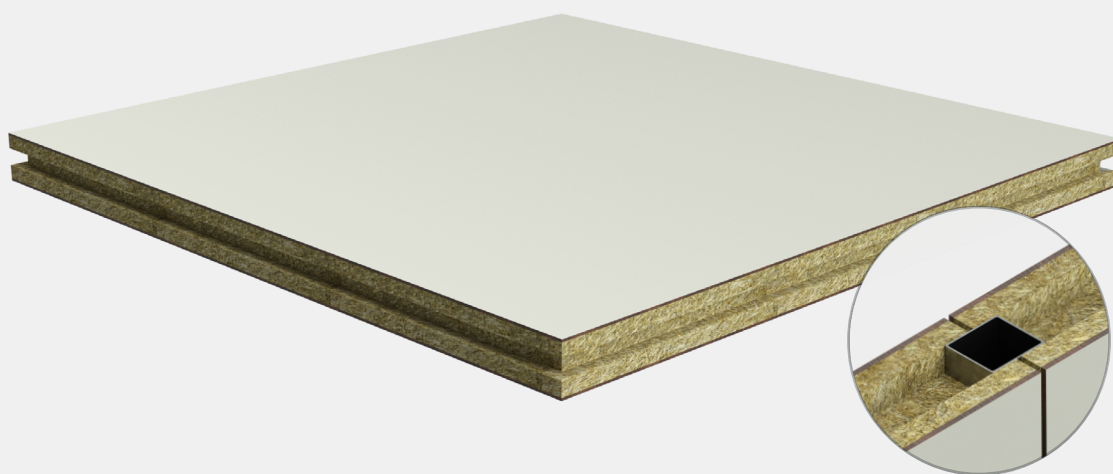


Panel-Est Roc

Mineral wool core walls for white rooms



- The phenolic resin boards of the outer faces of the Panel-Est Roc panel are compact, non-porous and highly resistant to impact and the development of micro-organisms.
- The mineral wool core panel provides high thermal and acoustic properties.

Panel-Est Roc

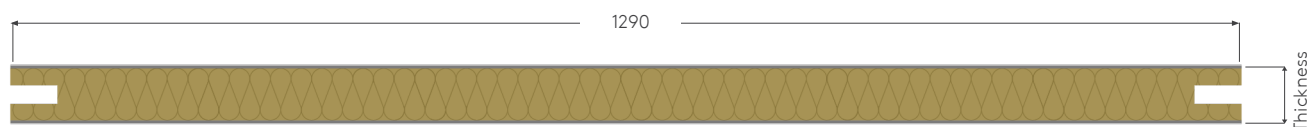


Description and applications

- Sandwich panel with mineral wool core and 3 mm thick phenolic resin exterior faces.
- The panel is specially designed for use in white rooms, partition wall systems and door infills.
- Panel-Est Roc 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)		30	40	50	60
Dead weight ⁽²⁾	kg/ml	15.09	17.03	18.96	20.90
	kg/m²	11.70	13.20	14.70	16.20

(1) Non-standard measurements available upon request.

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

Panel-Est Roc



Components

Insulating core

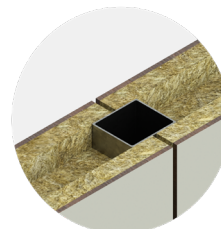
- HD mineral wool with a density of 150 kg/m³ (+10, -0 kg/m³). Possibility of customised core milling.

Outer faces

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

Rebated joint

- Rebated joint that allows wall or ceiling support profiles to be housed inside.



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 Baikol White and 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.

Reaction to fire classification

- The Panel-Est Roc, 60 mm thick and white, has the reaction to fire classification B-s1, d0 according to EN 13501-1:2018 (Euroclasses).



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