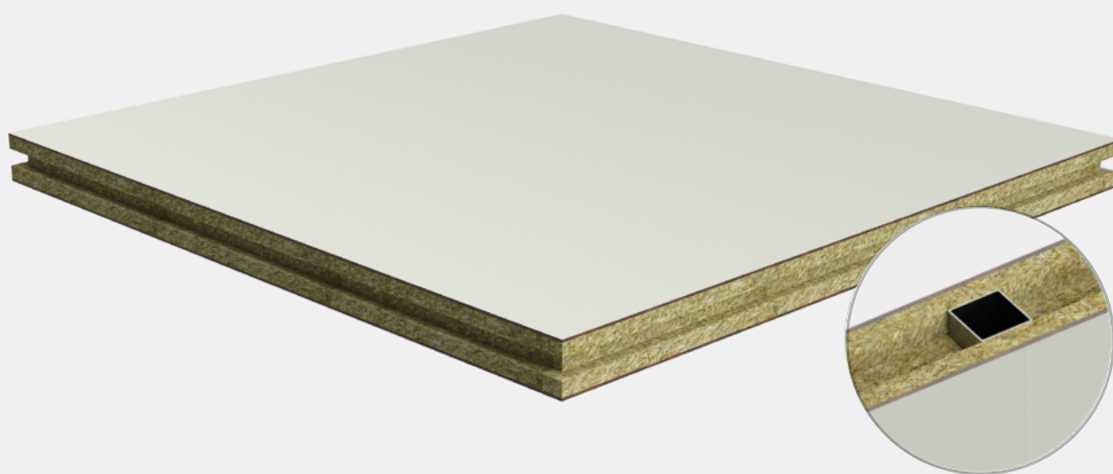




Panel-Est Roc

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.



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Panel-Est Roc

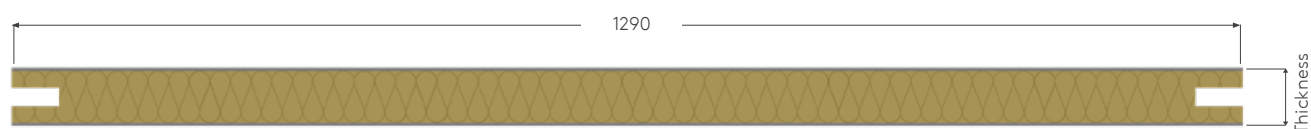


Description and applications

- 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

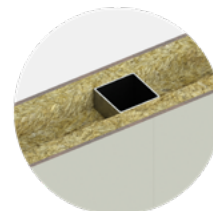
- HD mineral wool with a density of 150 kg/m³ (+10, -0 kg/m³). Possibility of customised core milling.

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 Baikar 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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