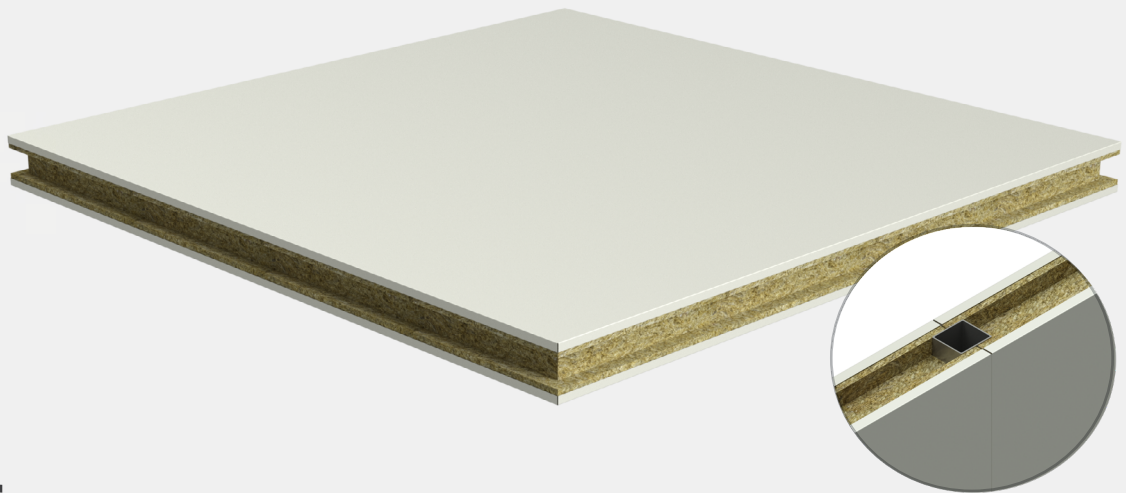


Panel-Lab Roc

Mineral wool core panel



CE

- The mineral wool core of the Panel-Lab Roc insulation board is lightweight, with good compressive strength, high thermal and acoustic insulation and high durability.
- The high performance of Panel-Lab Roc, such as its lightness, rigidity and durability, make it an ideal panel for the construction of enclosures in clean rooms.



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Panel-Lab Roc

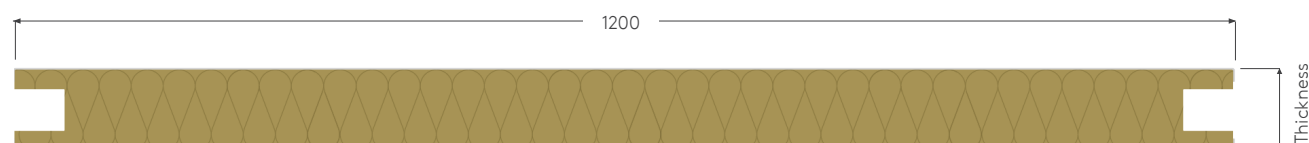


Description and applications

- Sandwich panel with mineral wool core, with two possible densities, and 0.5 and/or 0.6 mm steel faces.
- Wide range of highly durable coatings, adapted to the environment in which the panel will be installed.



Technical features



| | | | | | | | | | |
|--|---------|---|-------|-------|-------|-------|-------|-------|-------|
| Useful width | | 1,200 mm | | | | | | | |
| Manufacturing length | | 1.8 to 12.5 m | | | | | | | |
| Insulating core | | Mineral wool LD: 130 kg/m ³ Mineral wool HD: 150 kg/m ³ | | | | | | | |
| Panel thickness (mm) | | 25 | 30 | 40 | 50 | 60 | 80 | 100 | 120 |
| Dead weight ⁽¹⁾ (kg/m ²) | LD core | - | - | 13.38 | 14.73 | 16.03 | 18.63 | 21.23 | 23.83 |
| | HD core | 11.91 | 12.66 | 14.16 | 15.66 | 17.16 | 20.16 | 23.16 | 26.16 |
| Thermal transmittance ⁽¹⁾ (W/m ² .K) | LD core | - | - | 0.85 | 0.70 | 0.59 | 0.46 | 0.37 | 0.31 |
| | HD core | 1.32 | 1.14 | 0.89 | 0.73 | 0.62 | 0.48 | 0.39 | 0.33 |

(1) Considering sheet thickness 0.5/0.5 mm (ext./int.).

Certifications and applicable regulations

Reaction-to-fire classification

- The Panel-Lab Roc 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.

Implementing regulations raw material

- Hot-dip galvanised sheet metal according to EN 10346 and organic coatings according to EN 10169.

Components

Insulating core

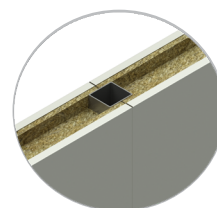
- Mineral wool with density 130 kg/m² (LD) or 150 kg/m² (HD).

Types of steel

- S220GD
- A304 stainless steel

Rebated joint

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



Finishes

Available coatings

- PS lacquer 25 microns, Granite HDX 55 microns, PET 50 microns, Z275 galvanised.

Customisable panel edges

- Execution of folded edges on two, three or four edges of the panel.

Profiling option

- Flat finish.



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