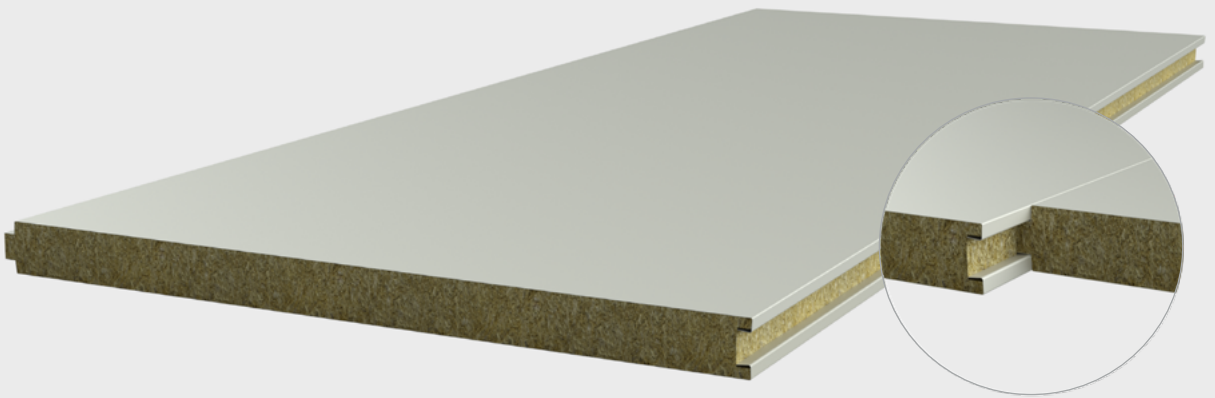


# Invespan Roc

Mineral wool insulation board for ovens and stoves



CE

- Ideal solution used in the industrial sector for oven and paint booths. Suitable for high temperatures.
- Suitable for ceilings and interior partitions.
- High-temperature resistance: withstands constant temperatures of up to 220 °C and peaks of up to 250 °C.
- Highly customisable panel (two possible types of core, various sheet thicknesses, possibility of customising side joints, etc.).
- Rigid mineral wool insulation core with high thermal performance (thermal transmittance of 0.26 W/m<sup>2</sup>·K for the 150 mm thick LR LD core panel).



invespanel

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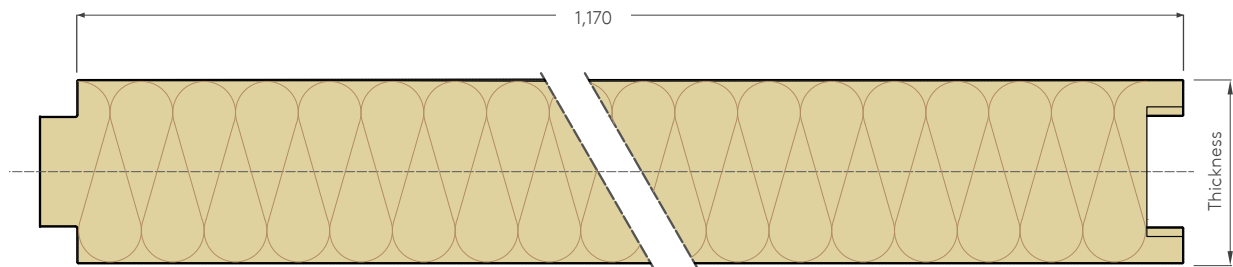


## Description and applications

- Insulating sandwich panel for walls and ceilings with mineral wool core and pre-painted steel faces.
- Highly customisable panel, with LR LD or LR HD core types, sheet thicknesses between 0.5 and 1 mm, various profiling options, etc.
- The panel maintains dimensional stability in environments with high thermal demands, being capable of operating at constant temperatures of up to 220 °C and withstanding peaks of up to 250 °C



## Technical features



<b>Useful width</b>	View finishes						
<b>Manufacturing length <sup>(1)</sup></b>	0.5 to 6 m						
<b>Insulating core</b>	Mineral Wool						
<b>Density (kg/m<sup>3</sup>)</b>	LR LD (130 kg/m <sup>3</sup> )   LR HD (150 kg/m <sup>3</sup> )						
<b>Panel thickness (mm)</b>	50	60	80	100	120	150	
<b>Self weight <sup>(2)</sup> (kg/m<sup>2</sup>)</b>	<b>Core LR LD</b>	14.57	15.87	18.47	21.07	23.67	27.57
	<b>Core LR HD</b>	15.55	17.05	20.05	23.05	26.05	-
<b>Thermal transmittance<sup>(2)</sup> (W/m<sup>2</sup>·K)</b>	<b>Core LR LD</b>	0.77	0.64	0.48	0.38	0.32	0.26
	<b>Core LR HD</b>	0.81	0.67	0.50	0.40	0.33	-

(1) Non-standard measurements available upon request.

(2) Considering 0.5 mm thick sheets.

## Certifications and applicable regulations

### Reaction to fire classification

The range of panels has the reaction to fire classification A2 - s1, d0 according to EN 13501- 1:2018 (Euroclasses).

### Implementing regulations raw material

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

### Product certificate

CE marked according to EN 14509:2013.



# Invespan Roc



## Components

### Insulating core

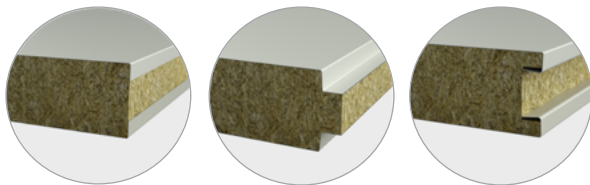
- Density mineral wool 130 kg/m<sup>3</sup> (LR LD) or 150 kg/m<sup>3</sup> (LR HD).

### Outer faces

- Cold-formed sheet from pre-painted, galvanised or stainless steel coil, sheet thicknesses between 0.5 mm and 1 mm. Consult for other thicknesses.

## Finishes

### Customisable joint



Straight (R)

Male (M)

Female (H)

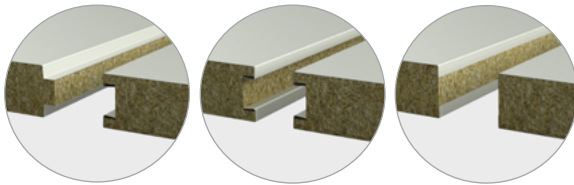
### Available coatings

The outer metal faces of the panel are available in various colours and highly durable coatings: PET, PVC, PVDF, HDX and INOX.

### Profiling options

Smooth finish

### Installation examples



M-H

H-H

R-R

### Maximum usable width

Joint combination	M-H	M-M	M-R	H-R	H-H	R-R
Maximum effective width	1170 mm	1140 mm	1170 mm	1190 mm	1190 mm	1200 mm



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