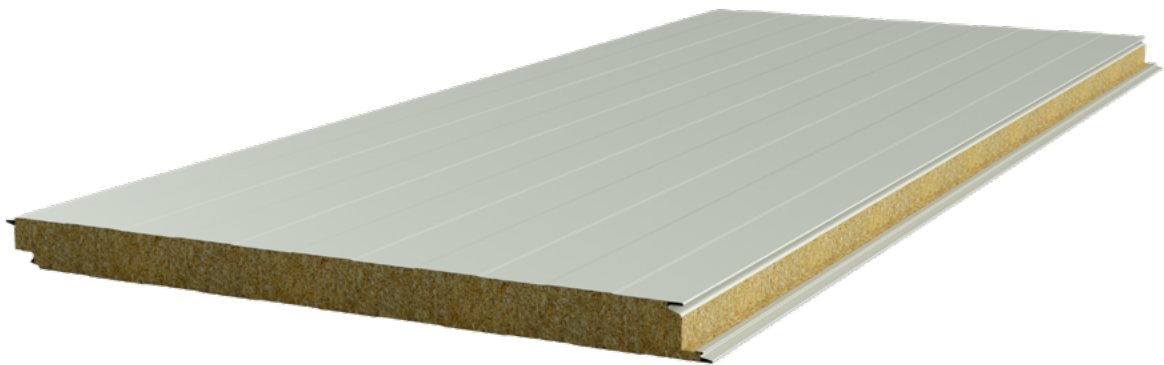


INTEGRAL ROC

MINERAL WOOL INSULATION PANEL
FOR FACADES



- Mineral wool facade panel solution.
- Highly customisable panel (two possible core types, various sheet thicknesses, various profiling options, etc.).
- Rigid mineral wool insulation core with high thermal performance (thermal transmittance of 0.41 W/m²K for the 100 mm thick LL LD core panel).



INTEGRAL ROC

Mineral wool panel

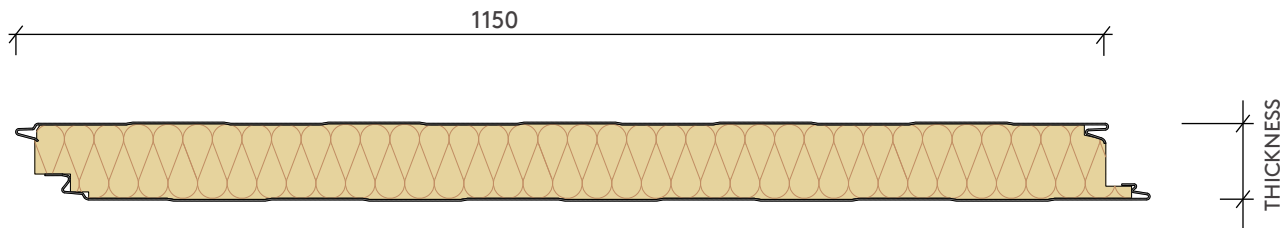
DESCRIPTION AND APPLICATIONS

Insulating sandwich panel for façades with mineral wool core and metal faces.

Highly customisable panel, with three types of core density (LL LD, LL HD or LL HD STD), sheet thicknesses between 0.5 and 0.6 mm, various profiling options, etc.



TECHNICAL FEATURES



Useful width		1,150 mm			
Core density		LL LD: 90 kg/m ³ LL HD: 120 kg/m ³ LL HD STD: 120 kg/m ³			
Manufacturing lenght		from 1.80 to 12.5 m			
Panel thickness ⁽²⁾		60	80	100	(mm)
Self-weight ⁽¹⁾	LL LD Core	13.92	15.72	17.52	(kg/m ²)
	LL HD / LL HD STD Core	15.66	18.06	20.46	
Thermal transmittance ⁽¹⁾	LL LD Core	0.75	0.52	0.41	(W/m ² K)
	LL HD / LL HD STD Core	0.82	0.57	0.45	(W/m ² K)

(1) Considering 0.5 mm thick sheets.
(2) Other thicknesses available on request.

INTEGRAL ROC

Mineral wool panel

CERTIFICATIONS AND APPLICABLE REGULATIONS

Implementing legislation

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

Product certification



CE marked according to EN 14509:2013.

Reaction to fire classification

The Integral Roc panel has the reaction to fire classification A2 - s1, d0 according to EN 13501-1:2018 (Euroclasses).

Fire resistance

The Integral Roc LL HD panel offers very good fire performance with fire resistance up to 90 minutes of insulation and integrity without the need for additional sealing at the joint.

	Core	Panel thicknesses		
		60	80	100
Integral Roc	LL LD	-	-	-
	LL HD Vertical Wall	EI 30 ⁽¹⁾	EI 60 ⁽¹⁾	EI 90 ⁽¹⁾
	LL HD Horizontal Wall	-	-	EI 60 ⁽²⁾
	LL HD STD	-	-	-

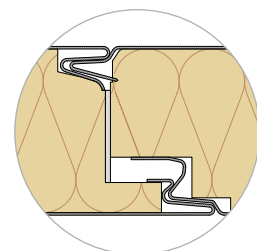
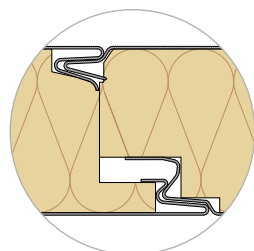
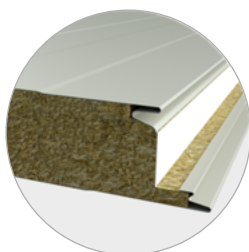
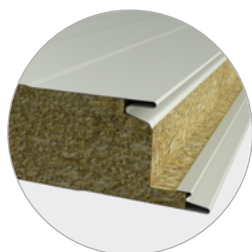
(1) Tested according to EN 1364-1:2015, classified according to EN 13501-2:2023. Direct field of application of the test results of the Integral Roc LL HD with vertical joint.. See installation conditions and EXAP.

(2) Tested according to EN 1364-1:2015, classified according to EN 13501-2: 2023. Direct field of test results of the Integral Roc LL HD panel with horizontal joint. See installation conditions.

COMPONENTS

Tongue and groove joint

Double tongue and groove joint, high lip depth and easy assembly.



Integral Roc LL LD
Integral Roc LL HD STD

Integral Roc LL HD
(Intumescent strip included)

Insulating core

Mineral wool of density 90 kg/m³ (LL LD) or 120 kg/m³ (LL HD / LL HD STD).

External faces

Cold-formed sheet from steel coil, sheet thicknesses between 0.5 mm and 0.6 mm.

INTEGRAL ROC

Mineral wool panel

FINISHES

Profiling options

Smooth finish



Profiled finish (standard)



Micro-profiled finish



Coatings

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



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