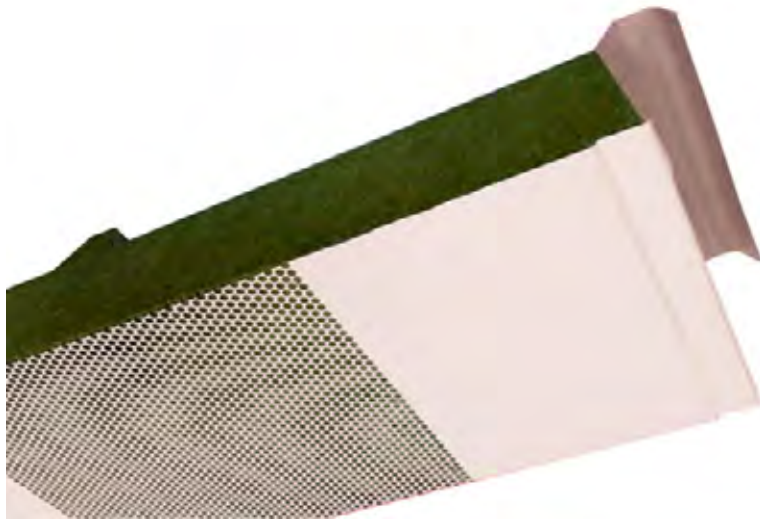


CUBIGREC ROC ACOUSTIC

MINERAL WOOL ACOUSTIC PANEL



- Solution in mineral wool panels with perforated interior.
- Thicknesses from 40 to 150mm.
- Highly customisable panel (two possible core types, various sheet thicknesses, various finishing options).
- Rigid mineral wool insulation core with high thermal performance (thermal transmittance of 0.25 W/m²K for the 150 mm thick LR LD core panel).

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Mineral wool panel

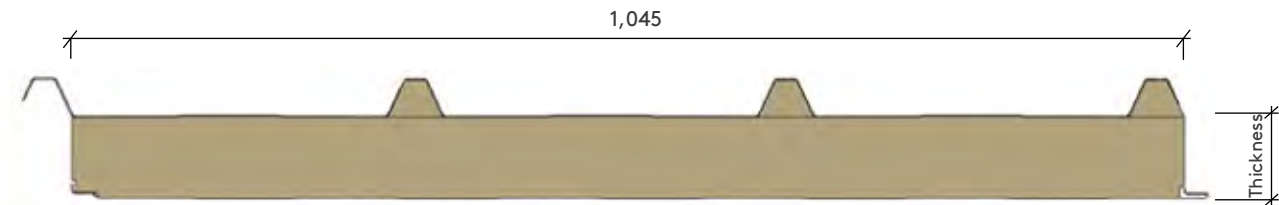
DESCRIPTION AND APPLICATIONS

Insulating sandwich panel for roofing with mineral wool core and metal faces, with perforated inner side.

Highly customisable panel, with two types of core (LR LD or LR HD), sheet thicknesses of 0.5 and/or 0.6 mm, and profiled (standard) or smooth finish.



TECHNICAL FEATURES



Usable panel width		1,045 mm							
Core density		LR LD: 130 kg/m ³				LR HD: 150 kg/m ³			
Espesores de panel		40	50	60	80	100	120	150	(mm)
Dead load ¹	LR LD Core	14.82	16.12	18.72	21.32	23.92	27.82	-	(kg/m ²)
	LR HD Core	15.87	17.37	20.37	23.37	26.37	-	-	
Thermal transmittance ¹	LR LD Core	0.73	0.61	0.47	0.38	0.32	0.25	-	(W/m ² K)
	LR HD Core	0.64	0.50	0.40	0.33	0.27	-	-	

(1) Considering sheets of thickness 0.5 mm and one of them with perforation two bands of width 241.6 mm of R4T5.

CUBIGREC ROC ACOUSTIC

Mineral wool panel

APPLICABLE LEGISLATION

Raw material application regulations

Hot-dip galvanised sheet metal according to EN 10346 and mineral wool insulation EN 13162.

COMPONENTS

Core

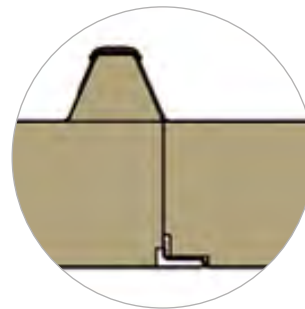
130 kg/m³ (LR LD) or 150 kg/m³ (LR HD) density mineral wool.

Steel faces

Cold-formed sheet from pre-painted steel coil. Sheet thicknesses 0.5mm and/or 0.6mm for the outer face and 0.5mm perforated for the inner face.

Longitudinal overlap joint

Longitudinal joint design with overlap for quick assembly.



FINISHES

Coatings

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

Precut transverse overlap

For the overlap between panels, a factory pre-cut cross section is available on request.

Finishing options (bottom side)

The bottom face is manufactured in two finish options: smooth and standard profiled.



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