

Rockciel

Rigid slab of stone wool of double density.



Application

Thermal and acoustic insulation for pitched roofs, light and heavy, under battens. Ideal slab for photovoltaic solutions.

Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	115 (30 to 45mm) 150/95 (rest of thicknesses)				EN 1602
Thermal conductivity W/(m*K)	0,036				EN 12667
Dimensions (mm)	1200 x 600				
Fire reaction / Euroclass	A1				EN 13501.1
Thermal resistance (m ² K/W)	Thickness (mm)	Thermal resistance (m ² K/W)	Thickness (mm)	Thermal resistance (m ² K/W)	
	30	0.80	80	2.20	
	40	1.10	100	2.75	
	50	1.35	120	3.30	
	60	1.65			
Thickness tolerance (mm)	T5				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Water vapour transmission	MU1	(μ = 1)		EN 12086	
Short term water absorption (kg/m ²)	WS	(< 1,0 kg/m ²)		EN 1609	
Long term water absorption by partial immersion (kg/m ²)	WL(P)	(< 3,0 kg/m ²)		EN 12086	
Air flow resistivity	AFr30	(> 30 kPa · s/m ²)		EN 29053	
Compressive resistance (KPa)	CS(10/Y)20	(20 KPa)		EN 826	

Advantages

- 25-year warranty.
- Excellent thermal, acoustic and reaction to fire performance.
- Continuous insulation system that prevents thermal bridges.
- Ventilated roof system that reduces the risk of condensations.
- Easy installation process.
- Neither-hydrophilic nor hygroscopic.
- It can be used on different supports: wood, ceramic, concrete, laminated plasterboard.



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ROCKWOOL Peninsular S.A.U.
 Ctra. Zaragoza, Km. 53,5 N121.
 31380 Caparrosa, Navarra, Spain
 T (+34)902 430 430
www.rockwool.es