

ROCKCALM - E- 211

Un-faced semi-rigid slab of volcanic stone wool.

Application

Thermal and acoustic insulation of the vertical enclosures, horizontal interior partitions on false ceiling and below slabs in contact with the exterior or non-habitable spaces and on the inside of pitched roofs.



Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	40				EN 1602
Thermal conductivity W/(m*K)	0,035				EN 12667
Dimensions (mm)	1350 x 600 / 1350 x 400				
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)	
	40	1.10	60	1.70	
	50	1.40	80	2.25	
Thickness tolerance (mm)	T3				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF10	(> 10 KPa · s/m ²)		EN 29053	
Water vapour transmission	MU1	(μ = 1)		EN 12086	
Short term water absorption (kg/m ²)	WS	(< 1,0 kg/m ²)		EN 1609	

Advantages

- Fast and easy to install.
- Maximum security in case of fire.
- Well-known improvement of the sound and thermal insulation.
- Neither-hydrophilic nor hygroscopic.
- Chemically inert.
- Environmental Product Declaration
- Free of CFC and HCFC, respectful with the environment.
- Certificate of emission of construction materials M1



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