

Rockplus 220

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

Application

Thermal and acoustic insulation of vertical closures, horizontal closures above false ceilings, in the interior of pitched roofs, ventilated façades and below slabs in contact with the exterior or uninhabitable areas.



Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	50				EN 1602
Thermal conductivity W/(m*K)	0,034				EN 12667
Dimensions (mm)	1350 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	0.85	100	2.90	
	40	1.15	120	3.50	
	50	1.45	140	4.10	
	75	2.20			
Thickness tolerance (mm)	T3				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF15	(> 15 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	
Long term water absorption by partial immersion (kg/m ²)	WL(P)	(< 3,0 kg/m ²)		EN 12086	

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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