

# Alpharock 225

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

## Application

Thermal and acoustic insulation for vertical separating or distributing walls, horizontal interior partitions over false ceiling, interior of pitched roofs, ventilated façades and below slabs that are in contact with the exterior or not habitable spaces.



## Technical Properties

Property	Description				Standard
Nominal density (kg/m <sup>3</sup> )	70				EN 1602
Thermal conductivity W/(m*K)	0,034				EN 12667
Dimensions (mm)	1350 x 600 / 1350 x 400				
Fire reaction /Euroclass	A1				EN 13501.1
Thermal resistance (m <sup>2</sup> K/W)	Thickness (mm)	Thermal resistance (m <sup>2</sup> K/W)	Thickness (mm)	Thermal resistance (m <sup>2</sup> K/W)	
	30	0.85	60	1.75	
	40	1.15	80	2.35	
	50	1.45			
Thickness tolerance (mm)	T3				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF20	(> 20 KPa · s/m <sup>2</sup> )		EN 29053	
Water vapour transmission	MU1	(μ = 1)		EN 12086	
Short term water absorption (kg/m <sup>2</sup> )	WS	(< 1,0 kg/m <sup>2</sup> )		EN 1609	
Long term water absorption by partial immersion (kg/m <sup>2</sup> )	WL(P)	(< 3,0 kg/m <sup>2</sup> )		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.
- Low emissions certificate



Apr-22

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