

Monorock 365

Rigid slab of volcanic stone wool of high density.

Application

Thermal and acoustic insulation for lightweight metal roofs of medium maintenance.



Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	145				EN 1602
Thermal conductivity W/(m*K)	0,039				EN 12667
Dimensions (mm)	1200 x 1000				
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	1,00	80	2,05	
	50	1,25	90	2,30	
	60	1,50	100	2,55	
	70	1,75			
Thickness tolerance (mm)	T5				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Compressive resistance (KPa)	CS (10Y)50	(50 KPa)		EN 826	
Point load (N)	PL (5) 500	(500 N)		EN 12430	
Water vapour resistance	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 12087	

Advantages

- Medium maintenance. Class B (JETAC), open roofs of buildings that require 2 visits per year.
- Security in case of fire.
- Great resistance to breakage, non-brittle product.
- Thermal and dimensional stability.
- Ease and speed of installation. Requires only 1 fixing.

