

Monorock Multifix



Rigid panel of single-density stone wool with a fleece on one of its faces that helps to weld the waterproofing asphalt sheets.

Application

Thermal and acoustic insulation for medium-low maintenance light metal roofs. Roofs finished with bituminous or synthetic waterproofing sheets fixed by welding to thermal insulation.

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	A2-s1,d0				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	100	2,55	
	60	1,50			
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	
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

- The standard solution for medium-low maintenance roofs.
- Excellent support for a finish with both asphalt and synthetic sheets.
- Non-combustible panel that helps to prevent the spread of a fire.
- Great improvement in the acoustic insulation of the constructive solution and great acoustic absorption capacity on perforated metal sheets.
- Thermal and dimensional stability.
- Ease and speed of installation.

