Hardrock Multifix

Rigid slab of volcanic stone wool of double density.
Higher density upper face with great resistance to treads and a coating that facilitates the adhesion of bituminous and synthetic sheets.

Application

Thermal and acoustic insulation in lightweight metal roofs of high maintenance. Support for bituminous and synthetic sheets.

Technical Properties

Property	Description				Standard
Nominal density (kg/m^3)	230/150				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)	
	50	1,25	80	2,05	
	60	1,50	100	2,55	
Thickness tolerance (mm)	T5				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Compressive resistance (KPa)	CS (10\Y)70		(70 KPa)		EN 826
Point load (N)	PL (5) 700		(700 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

- The best cost-effectiveness ratio for a high-maintenance roof.
- The density of the upper layer provides high resistance to treading and punching.
- Great improvement in the acoustic insulation of the constructive solution.
- Great acoustic absorption capacity on perforated metal sheets.
- Excellent support for a finish with bituminous and synthetic sheets.
- Thermal and dimensional stability.
- Ease and speed of installation

DAP

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