



Durock NRJ Multifix

Rigid, double density, volcanic stone wool slab. High density top layer with high resistance to footsteps and a facing that allows adhesive installation of bituminous and synthetic waterproofing membranes.

Application

High performance of thermal and acoustic insulation in low maintenance lightweight metal roofs. Support for bituminous and synthetic sheets.

Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	180/100				EN 1602
Thermal conductivity W/(m*K)	0,037 (< 100 mm) 0,036 (≥ 100 mm)				EN 12667
Dimensions (mm)	1200 x 1000				
Fire reaction /Euroclass	A2-s1,d0				EN 13501.1
Thermal resistance (m ² K/W)	Thicknes s (mm)	Thermal resistance (m ² K/W)	Thicknes s (mm)	Thermal resistance (m ² K/W)	
	50	1,35	80	2,15	
	60	1,60	100	2,75	
Thickness tolerance (mm)	T5				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Compressive resistance (KPa)	e < 100 mm: CS (10\Y40 (40 KPa)		e ≥ 100 mm: CS (10\Y)30 (30 KPa)		EN 826
Point load (N)	PL (5) 450		(450 N)		EN 12430
Water vapour resistance	MU1		(μ = 1)		EN 12086
Tensile strength perpendicular to faces	TR10		(10 KPa)		EN1607
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

- Excellent support for a finish with both asphalt and synthetic sheets.
- Fireproof panel that helps to prevent the spread of a fire.
- The density of the upper layer provides high resistance to treading and punching.
- Great improvement in the acoustic insulation of the constructive solution and great acoustic absorption capacity on perforated metal sheets.
- Thermal and dimensional stability.

