



Durock 386 / Bigpanel

Rigid slab of volcanic stone wool of double density.
Extra hard facing grants high resistance to footsteps and punching

Application

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

Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	210/135				EN 1602
Thermal conductivity W/(m*K)	0,038				EN 12667
Dimensions (mm)	1200 x 1000 / 2400 x 1200				
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)	
	50	1,30	100	2,60	
	60	1,55	110	2,85	
	70	1,80	120	3,15	
	80	2,10	130	3,40	
	90	2,35	140	3,65	
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)50	(50 KPa)		EN 826	
Point load (N)	PL (5) 550	(550 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 for roofs of medium maintenance.
- Safety in case of fire. Incombustible product.
- Excellent resistance to footsteps and punching.
- Provides a great improvement in the acoustic insulation of the solution.
- Gran capacity of acoustic absorption.
- Excellent support for synthetic sheet finish.
- Thermal and dimensional stability.
- Fast and easy to install. Requires only 1 fixing.

