

Rocksol 525

Non-coated stone wool slab. Superb thermal and acoustic features. High performance in thin slab. Rigidity.

Application

Thermic and acoustic insulation from impact noise in interior horizontal partitions and frameworks that have contact with ground or uninhabitable areas. Windows frame insulation in ventilated façades.



Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	150				EN 1602
Thermal conductivity W/(m*K)	0,038				EN 12667
Dimensions (mm)	1200 x 600				
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)	
	15	0,35	40	1,05	
	30	0,75	50	1,30	
Thickness tolerance (mm)	T7				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF40	> 40 KPa · s/m ²		EN 29053	
Compressive strength	CS(10/Y)30	30 KPa		EN 826	
Compressibility	CP2	C ≤ 1 mm		EN 13162	
Dynamic stiffness	SD15	15 MN/m ³		EN 29052-1	
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 12086	
Water vapour transmission	MU1	(μ = 1)		EN 12086	

Advantages

- Fast and easy to install.
- Maximum security in case of fire.
- Well-known improvement of the sound and thermal insulation.
- Neither-hydrophilic nor hygroscopic.
- Chemically inert.
- Environmental Product Declaration
- Certificate of emission of construction materials M1

