

Rockdry

Un-faced semi-rigid slab of volcanic stone wool transformed with a machine cut in the form of a longitudinal slot that makes it easier of attach and fit the isolation in the upright of the plasterboard auxiliary structure.



Application

Panel with high thermal and acoustic performance for insulation inside the facades. The 40 mm of insulation fit into 48 mm uprights of the auxiliary structure of the plasterboard.

Technical Properties

Property	Description				Standard
Nominal density (kg/m ³)	40				EN 1602
Thermal conductivity W/(m*K)	0,035				EN 12667
Dimensions (mm)	1350 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)	
	90	2,55	120	3,40	
	100	2,85	140	4,00	
Thickness tolerance (mm)	T3				EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)				EN 1604
Air flow resistivity	AF10	(> 10 KPa · s/m ²)		EN 29053	
Water vapour transmission	MU1	(μ = 1)		EN 12086	
Short term water absorption (kg/m ²)	WS	(< 1,0 kg/m ²)		EN 1609	

Advantages

- Superior thermal and acoustic performance.
- Robustness and durability.
- Maximum security in case of fire.
- Perfect fit and finish of the installed product.
- Fast and simple installation.
- Environmental Product Declaration.
- Free of CFC and HCFC, respectful with the environment.

