



Termolan Roccia D100

Stone wool hardboard water repellent, biosoluble.

Description

Hardboard made of water repellent stone wool, bio-soluble, treated with thermosetting resins.



Applications

Cavity wall insulation between dwelling units , Cavity wall insulation , roof insulation

Size and availability

1200x600 mm,

For availability please check the list on TERMOLAN.IT

Data sheet

Thermo-Hygrometric characteristics	Value	Unit	Symbol EN 13162	EN standard
Declared thermal conductivity (10°C)	0.033	W/(mK)	λ_D	EN 12667-EN 12939
Declared thermal resistance	View table 1	(m ² K)/W	R_d	
Water vapour resistance factor	1		μ	EN 12086
Short term water absorption	< 1.0	kg/m ²	W_p	EN 1609
Long term water absorption by partial immersion (24h)	< 3.0	kg/m ²	WL(P)	EN 12087

Mechanical characteristics	Value	Unit	Symbol EN 13162	EN standard
Compressive stress at 10% deformation	sp. 20-60 mm: 5 sp.70-160 mm: 10	kPa	CS(10)	EN 826

Acoustic characteristics	Value	Unit	Symbol EN 13162	EN standard
Sound absorption coefficient (Th. \geq 50 mm)	1		α_w	EN ISO 354
Air flow resistivity	60	kPa s/m ²	AFr	EN 29053
Dynamic stiffness	5 (sp.80 mm)	MN/m ³	s'	EN 29052-1



Other characteristics	Value	Unit	Symbol EN 13162	EN standard
Reaction to fire	A1	Euroclasse		EN 13501-1
Specific heat capacity	1.030	J/(kg•K)	C _p	EN 10456
Density ± 10%	100	kg/m ³	ρ	EN 1602

Table 1

Thickness (mm)	Thermal resistance
20	0.60
30	0.90
40	1.20
50	1.50
60	1.80
80	2.40
100	3.00
120	3.60
140	4.20
160	4.80

Product certified according to EN 13162.

For more informations, please see the website:
<https://termolan.lape.it/prodotto/400/Termolan-Roccia-D100.html>



The company reserves the right to alter the technical data without notice. It is users' responsibility to check the validity of the information prior to materials use. To check the information, please see the website www.Termolan.it or contact our technical department.

