



Termolan Roccia K8 Plus

Stonewool slabs without covering

Description

Water-repellent panel made by biosoluble stonewool with thermosetting resins.



Applications

Wall external thermal insulation composite system (ETICS)

Size and availability

1000x600 mm,

For availability please check the list on termolan.lape.it

Data sheet

Thermo-Hygrometric characteristics	Value	Unit	Symbol EN 13162	EN standard
Declared thermal conductivity (10°C)	0.034	W/(mK)	λ_D	EN 12667-EN 12939
Declared thermal resistance	See 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 strength at 10% deformation	20	kPa	CS(10)	EN 826
Tensile strength perpendicular to faces	7.5	kPa	TR	EN 1607
Point load	NPD	N		EN 12430
Dynamic stiffness (Th.= 50 mm)	NPD	MN/m ³	s'	EN 29052-1

Acoustic characteristics	Value	Unit	Symbol EN 13162	EN standard
Air flow resistance	60	kPa s/m ²	AFr	EN 29053
Sound absorption coefficient (Th. ≥ 50 mm)	0.95		α_w	



Other characteristics	Value	Unit	Symbol EN 13162	EN standard
Density \pm 10%	100	kg/m ³	ρ	EN 1602
Reaction to fire	A1	Euroclasse		EN 13501-1
Specific heat capacity	1.030	J/(kg•K)	C_p	EN 10456
Shear strength	25	kPa		EN 12090
Shear modulus	1060	kPa		EN 12090

Table 1

Thickness (mm)	Thermal resistance
50	1.45
60	1.75
80	2.35
100	2.90
120	3.50
140	4.10
160	4.70
180	5.25
200	5.85

Product certified according to EN 13162.

For more informations, please see the website:
<https://termolan.lape.it/prodotto/418/Termolan-Roccia-K8-Plus.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 TERMOLAN.LAPE.IT or contact our technical department.

