



Termolan Roccia K8

Stonewool slabs without covering

Description

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

Certified for external thermal insulation according to ETAG 004



Applications

Wall external thermal insulation composite system (ETICS) ,
Thermal bridge

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)	0.035	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	30	kPa	CS(10)	EN 826
Tensile strength perpendicular to faces	10	kPa	TR	EN 1607
Point load	300	N		EN 12430
Shear strength	≥ 20	kPa		EN 12090



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	
Dynamic stiffness (Th.= 50 mm)	20	MN/m ³	s'	EN 29052-1

Other characteristics	Value	Unit	Symbol EN 13162	EN standard
Density ± 10%	130	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

Table 1

Thickness (mm)	Thermal resistance
30	0.85
40	1.10
50	1.40
60	1.70
80	2.25
100	2.85
120	3.40
140	4.00
160	4.55
180	5.10
200	5.70

Product certified according to EN 13162.

For more informations, please see the website:
<https://termolan.lape.it/prodotto/276/Termolan-Roccia-K8.html>



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