



## Solida 210

### Stone wool hardboard, biosoluble, uncoated.

#### Description

Hardboard made of water repellent stone wool, bio-soluble, treated with an odourless thermosetting resins, chemically inert, rot-proof, unalterable over time.



#### Applications

internal counter-wall , Sottotetti, Cavity wall insulation between dwelling units , Cavity wall insulation

#### Size and availability

1200x600 mm,

For availability please check the list on [TERMOLAN.IT](http://TERMOLAN.IT)

#### Data sheet

Thermo-Hygrometric characteristics	Value	Unit	Symbol EN 13162	EN standard
Declared thermal conductivity (10°C)	0.035	W/(mK)	$\lambda_D$	EN 12667-EN 12939
Declared thermal resistance	View Table 1	(m <sup>2</sup> K)/W	$R_d$	
Short term water absorption	≤ 1.0	kg/m <sup>2</sup>	WS	EN 1609
Long term water absorption by partial immersion (24h)	≤ 3.0	kg/m <sup>2</sup>	WL(P)	EN 12087
Water vapour resistance factor	1		$\mu$	EN 12086

Dimensional characteristics	Value	Unit	Symbol EN 13162	EN standard
Dimensional stability under specified conditions (70°C/90%U.R.)	$\Delta\epsilon \leq 1$	%	DS(70,90)	EN 1604
Thermal linear dilatation	$2 \times 10^{-6}$	°C <sup>-1</sup>	$t_t$	



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 <sub>p</sub>	EN 10456
Density ± 10%	50	kg/m <sup>3</sup>	ρ	EN 1602
Dimensional stability in moisture conditions	The performance characteristics of the board are not influenced by the hygrometric conditions of the environment.			
Stone wool melting temperature	> 1000	°C		

**Table 1**

Thickness (mm)	Thermal resistance
30	0.85
40	1.10
50	1.40
60	1.70
70	2.00
80	2.25
100	2.85
120	3.40
140	4.00
160	4.55

Product certified according to EN 13162.

For more informations, please see the website:  
<https://termolan.lape.it/prodotto/145/Solida-210.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](http://www.Termolan.it) or contact our technical department.

