

# CladWool HD

## Product Description

Slabs of stone wool for internal and external building objects for thermal, acoustic and fire insulation.



Technical Information						
Declared thermal conductivity coefficient $\lambda = \leq 0.037 \text{W/mK}$						
Declared Properties Of The Product Acc. To EN 13162:2012+A 1:2015	Symbol	Class Or Tolerance		Units		
Class for thickness tolerances	T	T5	-1mm / +3mm	(mm)		
			-1% / +3mm	(%/mm)		
Dimensional stability under 10°C and 90% humidity	DS(70,90)	$\leq 1.0$		(-)		
Compressive stress at 10% deformation	CS(10/Y)	CS(10) 40		(kPa)		
Tensile strength perpendicular to faces	TR	$\geq 10.0$ (d=20-49 mm) $\geq 15.0$ (d=50-150 mm)		(kPa)		
Point load at 5mm deformation	PL(5	NPD		(N)		
Short time water absorption	WS	$\leq 1.0$		(kg/m2)		
Long time water absorption	WL(P	$\leq 3.0$		(kg/m2)		
Water vapour transmission	MU	MU1		(-)		
Air Flow Resistivity	AFr	NPD		Kpa S/M2		
Reaction to fire	RtF	A1		Euroclass		
Predicted Densities	130 - 140 kg/m3					
Declared Thermal Resistance						
d(mm)	20	30	40	50	100	150
Ro (m2K/W)	0.50	0.80	1.05	1.35	2.70	4.05
Dimensions						
Length		Width		Thickness		
1000mm		600mm		30-150mm		
1200mm		600mm		30-150mm		

## Application

- External and partition walls insulated by ETICS system
- External monolithic, prefabricated and brick walls
- Jambs insulation
- Fire insulation of attics (reaction to fire classification – A1)
- Acoustic and fire insulation of staircases (reaction to fire classification – A1)

## Important Information

DO NOT apply if frost is forecast within 24 hours, in wet conditions, in temperatures below +5°C or above 25°C, to elevations in direct sunlight or to substrates that are hot. Coverage rates are approx. and do not take into account wastage and uneven substrates.

## Disclaimer of Liability

To the best of our knowledge and belief, this information is true and accurate. However, as conditions of use of the product and the expertise of any labour involved are beyond our control, the end user must satisfy themselves by prior testing that the product is suitable for their specific application if no spec has been provided for the project in hand. No responsibility can be accepted, nor any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that they have consulted our latest literature. Keep out of reach of children.