



TECHNICAL DATASHEET

STONEWOOL NON-COMBUSTIBLE INSULATION

Unilin Insulations range of non-combustible, Euroclass 'A1' stonewool insulation provides surety when the highest fire performance is required in facade, soffit and framing applications.

1. Declaration of Performance

Essential Characteristics	Performance	Symbol	Thermal Resistances	
Thermal Conductivity (30-170mm)	0.035(W/mK)	λ_d	*Thickness (mm)	R-Value (m ² K/W)
Thermal resistance	*	Rd	50	1.40
Dimensional tolerances	T4	T	75	2.10
Reaction to fire	A1	RtF	100	2.85
Durability of compressive strength against ageing / degradation (compressive creep)	NPD	CC(2/1,5/50)	125	3.55
Durability of reaction to fire against heat, weathering, ageing / degradation	Not change with time		150	4.25
Durability of thermal resistance against heat, weathering, ageing / degradation	Not change with time		Other sizes available dependent on quantity & lead time	
Thermal resistance and thermal conductivity	Not change with time			
Durability characteristics (Dimensional stability at specified temperature)	≤1,0%	DS(70,-) Declared; The Relative changes in thickness		
Release of dangerous substances to the indoor environment				
Dangerous materials	The product has no other known health or environmental effects			

Good workmanship and appropriate site procedures are necessary to achieve expected thermal and airtightness performance. Installation should be undertaken by professional tradespersons. The example calculations are indicative only, for specific U-Value calculations contact Unilin Insulation Technical Support.

Unilin Insulation technical literature and Declarations of Performance are available for download on the Unilin Insulation websites. The information contained in this publication is, to the best of our knowledge, true and accurate at the time of publication but any recommendations or suggestions which may be made are without guarantee since the conditions of use are beyond our control.

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