



Declaration of Performance

Aerowall® 100

1054.CPR.2013.Aerowall100.004

Unique identification code of the product-type: **Aerowall® 100**
 Intended use/es: **Thermal insulation for buildings**
 Manufacturer: **Aerobord Ltd, Askeaton, Co. Limerick, Ireland V94 EK16**
 System/s of AVCP: **System 3**
 Designated technical specification: **EN 13163:2012+A2:2016**
 Notified body(ies) : **KIWA BDA (NB 1640)**

Essential characteristics		Performance
Thermal resistance	Thermal conductivity λ_D (W/(m.K))	0.035
	Thermal resistance R_D ((m ² .K)/W)	Please refer to product label
Tolerance	Length	L3 (+/- 3mm)
	Width	W3 (+/- 3mm)
	Thickness	T2 (+/- 2mm)
	Squareness	S5 (+/- 5mm/m)
	Flatness	P5 (5mm)
Reaction to fire	Reaction to fire	E
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD (Does not deteriorate with time)
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal conductivity λ_D (W/(m.K))	0.035
	Thermal resistance R_D ((m ² .K)/W)	Please refer to product label
	Durability characteristics	NPD (Does not change with time)
Compressive strength	Compressive stress	CS(10)100
Tensile / Flexural strength	Bending Strength	BS150
	Tensile strength perpendicular to faces TR _i (kPa)	100
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
	Freeze-thaw resistance	NPD
	Long term thickness reduction	NPD
Water permeability	Long term water absorption or by immersion	NPD
	Long term water absorption by diffusion	NPD
Water vapour permeability	Water vapour transmission	NPD



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Impact noise transmission index (for floors)	Dynamic stiffness	NPD
	Thickness	NPD
	Compressibility	NPD
Continuous Glowing Combustion	Glowing Combustion	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
<i>NPD: No Performance Determined</i>		

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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Siobhan O'Dwyer
Managing Director, Ireland
Date signed: April 20th 2025
Issue Number: 004



For the most up-to-date version of the Declaration of Performance please scan or [click here](#)

To access pre-existing product information or information relating to previously sold/discontinued products please email info@kingspaninsulation.ie