Declaration of Performance

Kingspan GreenGuard® GG300

1001.CPR.2013.GG300.009

Unique identification code of the product-type:	**Kingspan GreenGuard ® GG300**
Intended use/es:	**Thermal insulation for buildings**
Manufacturer:	**Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK**
System/s of AVCP:	**System 4 (Reaction to fire), System 3 (Other Properties)**
Harmonised technical specification:	**BS EN 13164:2012+A1:2015**
Notified body/ies:	**FIW Munchen: 0751**

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m².K)/W)	d_N 30mm 0.90 d_N 40mm 1.20 d_N 50mm 1.50 d_N 60mm 1.80 d_N 70mm 2.10 d_N 80mm 2.40 d_N 100mm 3.00 d_N 120mm 3.60 d_N 140mm 4.20 d_N 150mm 4.50 d_N 180mm 5.45
	Thermal conductivity λ_D (W/(m.K))	d_N 30-180 0.033
	Thickness tolerance	d_N <50 T1 ±2mm d_N 50-120 T1 -2 +3mm d_N >120 T1 -2 +6mm
Reaction to fire	Reaction to fire	F
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability characteristics	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	Dimensional stability under specified temperature and humidity conditions	DS(70,90)
	Deformation under specified compressive load and temperature conditions	NPD
Compressive strength	Compressive stress or compressive strength	CS(10/Y)300
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR100
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Long term water absorption by total immersion	NPD
	Long term water absorption by diffusion	NPD
	Freeze-thaw resistance after long term water absorption by diffusion	NPD
Water vapour permeability	Water vapour transmission	NPD
Closed cell content	Closed cell content	NPD
Continuous Glowing combustion	Glowing Combustion	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD

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NPD: No Performance Determined

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
Selby, England, UK
Date signed: 24/03/2025
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