

UK Declaration of Performance

Kingspan GreenGuard® GG300

1001.UKDoP.GG300.004

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**
 UK Assessment Body: **University of Salford:1145, BBA:0836**

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .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 Release of dangerous substances to the indoor environment	Glowing Combustion	NPD	
	Release of dangerous substances	NPD	
NPD: No Performance Determined			



UK Declaration of Performance

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:

A handwritten signature in black ink, appearing to read 'Siobhan O'Dwyer', with a long vertical stroke extending downwards from the end.

.....
Siobhan O'Dwyer
Managing Director
Selby, England, UK
Date signed: 24/03/2025
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 literature@kingspaninsulation.co.uk