



UK Declaration of Performance

Kingspan GreenGuard® GG300

1001.UKDoP.GG300.004

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Harmonised technical specification:

UK Assessment Body:

Kingspan GreenGuard® GG300

Thermal insulation for buildings

Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK

System 4 (Reaction to fire), System 3 (Other Properties)

BS EN 13164:2012+A1:2015

University of Salford:1145, BBA:0836

| 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 d _N 50-120 d _N >120 | T1 ±2mm T1 -2 +3mm 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 | (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 | |
| NPD: No Performance Determined | | | |



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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'.

.....
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