

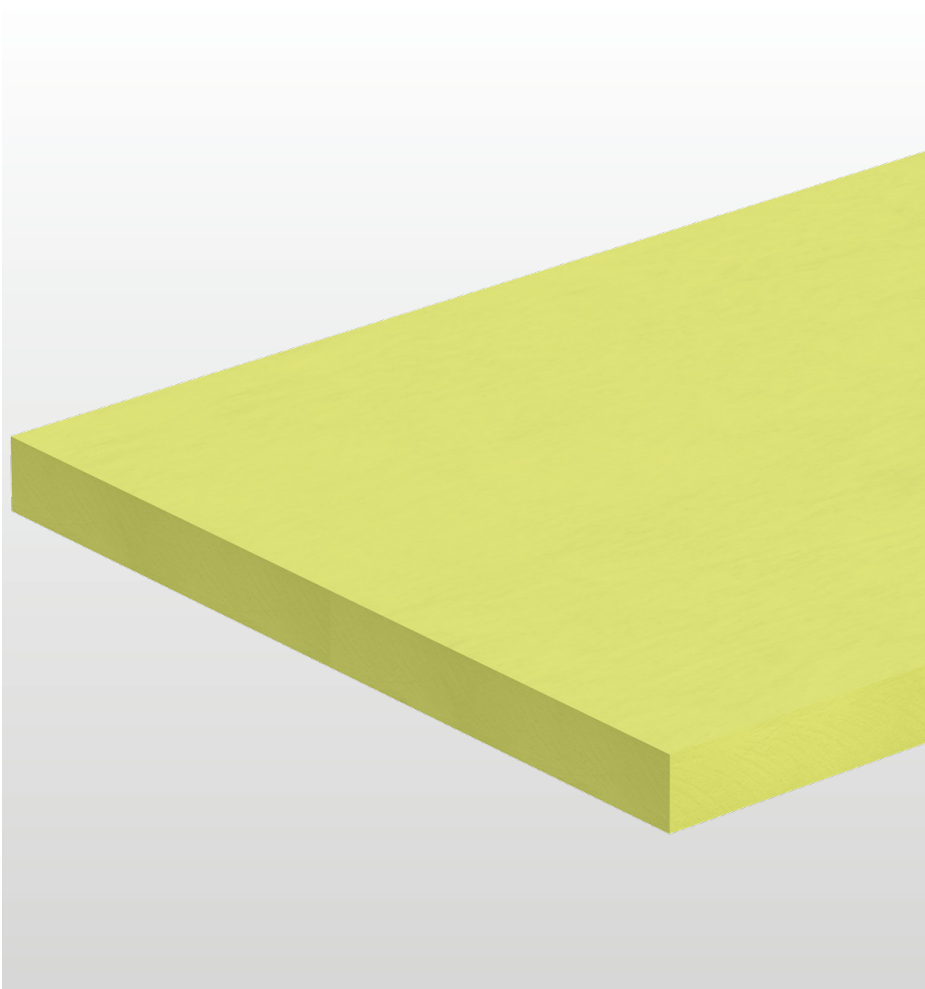
Insulation



# Kingspan **GreenGuard**<sup>®</sup> GG300

Technical Data Sheet

Insulation Boards for Inverted Roofs, Basements, Car Park Decks,  
and Heavy Duty Commercial, Industrial, and Cold Store Flooring



- Rigid extruded polystyrene insulation with thermal conductivity as low as 0.039W/(m.K) at 23°C mean temperature (ASTM C518-21)
- Protects waterproofing membrane
- With compressive stress exceeding 300kPa at 10% deformation (ASTM D1621-16)
- Compatible with green roof systems
- Easy to handle and install
- Ideal for new build and refurbishment
- Manufactured with a blowing agent that has zero ODP low GWP

Fibre-free  
Core

  
**Kingspan**<sup>®</sup>

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# Product Information

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## Product Description

Kingspan GreenGuard® GG300 is a rigid extruded polystyrene insulant with a fibre-free core. The core is manufactured with a blowing agent that has zero ODP and low GWP.

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## General

### Cutting

- Cutting should be carried out either by using a fine toothed saw, a hot wire system or by scoring with a sharp knife and snapping the board over a straight edge.
- Ensure accurate trimming to achieve close-butting joints and continuity of insulation.

### Packaging and Storage

- The packaging of Kingspan Insulation products should not be considered adequate for outdoor protection.
- Ideally, boards should be stored inside a building.

If, however, outside storage cannot be avoided, then the boards should be stacked clear of the ground and covered with an opaque polythene sheet or weatherproof tarpaulin.

Boards should not be left in the sun covered by either a transparent or a dark plastic sheet, since in both cases, board temperatures can build up to a level hot enough to appreciably alter board dimensions or cause warping.

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## Standards and Approvals

Kingspan GreenGuard GG300 is manufactured under a management system certified to ISO 9001:2015.

## Technical Specifications

Property	Value	Test Standard
Product Dimension (L x W) (mm)	2270 x 600 (For other dimensions, please contact us)	-
Product Thickness (mm)	50 (For other thicknesses, please contact us for details)	-
Thermal Conductivity at 23°C (W/(m.K))	≤ 0.039	ASTM C518-21
Compressive Stress at 10% Deformation (kPa)	≥ 300	ASTM D1621-16
Minimum Density (kg/m <sup>3</sup> )	30	ASTM D1622-14

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# Contact Details

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## Asia Region

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