

# Green Star NZ Compatibility Analysis

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Client	Forman Building Systems
Product name	Pittsburgh Corning FoamGlas Insulation



*This document represents the conclusions of a thorough analysis and review of manufacturer and product information in relation to Green Star NZ rating tools and requirements.*

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### Disclaimer

#### Please read this carefully

*This document is only applicable to the Green Star NZ tools and related credit categories described herein. The New Zealand Green Building Council reserves the right to revoke this document if the product changes and to audit the information contributing towards this summary document at any time.*

*EnviroSpec and the NZGBC do not accept liability for any loss or damages resulting from the use of this document.*

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*The information presented in this report is valid for the Green Star NZ tools herein only. As and when the NZGBC brings out new Green Star NZ tools, the information may require updating. EnviroSpec will only update information in this report upon receiving written consent from the Manufacturer, supplier or upon request from the NZGBC. It is the responsibility of the reader to check for regular updates.*

## Introduction

EnviroSpec *Verification Services* responds to the needs of product manufacturers and specifiers by speeding up the decision-making process. EnviroSpec *Verification Services* provides the assessment and review of product and manufacturing data against existing standards, specifications or requirements and publishes the results in a user-friendly format.

## Green Star NZ

Green Star NZ is a rating tool for buildings operated by the New Zealand Green Building Council ([www.nzgbc.org.nz](http://www.nzgbc.org.nz)). All Green Star NZ rating tools operate under the same framework of eight Environmental Impact Categories, plus innovation.

These include:

Management	IEQ	Energy	Transport	+ Innovation
Water	Materials	Land Use & Ecology	Emissions	

Each category is divided into specific credits that aim to improve the environmental performance of the building. Points are awarded for each credit for actions that demonstrate that the project has met the overall objectives of Green Star NZ.

Products may contribute towards positive Green Star NZ outcomes in a number of ways:

Manner in which the product may contribute towards points in Green Star NZ	Associated Symbol in EnviroSpec
• Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc)	✓
• Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks)	●
• Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator)	○

EnviroSpec is the trusted source of information on product contributions towards Green Star NZ. Summary sheets for each of the relevant Green Star NZ tools are provided in this document and can be printed for use during Green Star NZ submissions.

### Green Star NZ submissions

For purposes of a Green Star NZ submission, please print off the *Green Star NZ summary sheet supplied separately*

## Green Star NZ Summary Sheet

*Note: A two-page printable "summary sheet" is provided separately. Please refer to [www.envirospec.co.nz](http://www.envirospec.co.nz)*

Green Star NZ tool	Credit category	Points available <sup>1</sup>	Contribution symbol	Contribution Potential (points) <sup>1</sup>	Detail
Office Design and Built V.1	EMI-8	1	✓	1	This credit rewards the use Insulations products that contain no Ozone Depleting Substances in their content or Manufacture. FoamGlas Insulation satisfies these criteria.
Office 2009	EMI-3	1	✓	1	This credit rewards the use Insulations products that contain no Ozone Depleting Substances in their content or Manufacture. FoamGlas Insulation satisfies these criteria.
Education 2009	EMI-3	1	✓	1	This credit rewards the use Insulations products that contain no Ozone Depleting Substances in their content or Manufacture. FoamGlas Insulation satisfies these criteria.
Industrial 2009	EMI-3	1	✓	1	This credit rewards the use Insulations products that contain no Ozone Depleting Substances in their content or Manufacture. FoamGlas Insulation satisfies these criteria.
Office Interiors 2009	EMI-3	1	✓	1	This credit rewards the use Insulations products that contain no Ozone Depleting Substances in their content or Manufacture. FoamGlas Insulation satisfies these criteria.

<sup>1</sup> Points available and points achieved are considered pre-weighting. Final Green Star NZ category weightings for each tool still apply.

## General compliance guidance

### Green Star NZ – All tools

Impact Category	Credit Title	Credit No	Points Achieved	Product Contribution	Related Supporting Evidence (Design rating only)
Emissions	Insulant ODP	EMI-8 (for Office Design and Built v.1)  EMI 3 for all other tools	1 (out of 1)	FoamGlas Insulation does not contain Ozone Depleting Substances, nor does it require the use of these substances during manufacture	Specification extract clearly stating an ODP of Zero for all Thermal Insulation products and identifying where FoamGlas Insulation is applied.

## Annexe A – Supporting evidence

Pittsburgh Corning Corporation  
800 Presque Isle Drive, Pittsburgh, PA 15239-2799 U.S.A.  
Phone 724-327-6100, Fax 724-387-3806  
<http://www.foamglas.com/industry/en/home/>

**FOAMGLAS**

Allen Dickey  
Manager - Technical Support, FOAMGLAS® Industry

July 20, 2009

EnviroSpec Ltd.  
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**RE: Conformance Declaration of environmental credentials**

To whom it may concern,

I hereby confirm that all FOAMGLAS® insulation, and all other Pittsburgh Corning Corporation insulation products have an Ozone Depleting Potential of Zero, meaning no ODS are present in the final product or used in the direct manufacture of the product.

The above statement encompasses all Ozone Depleting Substances as notified by the Montreal Protocol to the Geneva Convention and all Class 1 and Class 2 ODS as notified by the Environmental Protection Agency (attached list).

Kind regards,

*Allen Dickey*

Allen Dickey  
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