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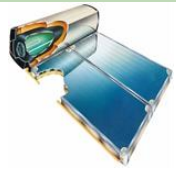
Document Type
Green Building Rating Compatibility Analysis

Document Code
ES-GSNZ-13-23e

Validity		
	Office 2009 + V3 / Interiors 2009 + V3 / Education 2009 + V3 + V3.1 / Industrial 2009 + V3	✓
	Homestar V2 + V3+V4	✓
	V 1.1	Not applicable
	V3.0	Not yet assessed
	NABERSNZ	Not yet assessed
	Passivhaus	Not yet assessed
	Net Zero NZ	Not yet assessed

Client
Solahart

Product Name
Solar hot water system

Product Description
<p>The Solahart BT series is a roof mounted, closed circuit system specifically designed to provide higher efficiency for use in low to medium solar gain areas. The closed circuit design makes it suitable to frost prone climates. The Solarhart Streamline is an open or a closed circuit system with roof mounted slimline collectors and a ground mounted storage tank. The system is equipped with an electric or a gas booster and controller which senses when boosting is required to ensure constant supply of hot water. Solahart GreenGlo Series is the most predominant one for large solar applications. The GreenGlo cylinder is a mains pressure with multiple coils and is pre-configured to be plumbed into multiple heat sources, including solar, wet-back, electricity or gas.</p> 

Manner in which the product may contribute towards points	Legend of Symbols 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 installed (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)	○

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Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Green Star NZ Office (2009 + V3)	ENE-2	20	This credit rewards buildings with lower CO2 emissions, as calculated by the Green Star NZ GHG Emissions Calculator.	○	Up to 20 points (Contribution towards CO2 reduction)	The performance of this product is project dependent. Details must be discussed with the engineer and GSAP to ensure correct calculations.
Education (2009, V3 + V3.1) + Industrial (2009 + V3)	ENE-2	10	This credit rewards buildings with lower CO2 emissions, as calculated by the Green Star NZ GHG Emissions Calculator.	○	Up to 10 points (Contribution towards CO2 reduction)	The performance of this product is project dependent. Details must be discussed with the engineer and GSAP to ensure correct calculations.
Homestar V2 + V3	EHC-2	4.5	This credit rewards the use of energy efficient water heating solutions	○	Up to 4.5 points (Contribution factor)	If appropriately sized, with correct orientation, then the use of the Solahart Solar Hot Water system can assist towards gaining up to full points in this category.
Homestar V4	EHC-5	6	This credit rewards the use of energy efficient water heating solutions.	○	Contribution Potential	If appropriately sized, then the use of this product can assist towards gaining points in this category (lesser points in colder climate zones in NZ.)
SBN Circular Economy Office Model V1.1	-	-		N/A	N/A	N/A
Net Zero Energy Building	-	-		N/A	N/A	N/A