

Author
EnviroSpec Verification Services

Document Type
Green Building Rating Compatibility Analysis

Document Code
ES-GSNZ-18-90

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

Client
NZ Brick Distributors

Product Name
Cemintel Territory pre-finished fibre reinforced cement panel cladding collection.

Product Description
<p>The Cemintel Territory Architectural Wall Panels (AWP) range includes lightweight prefinished fibre reinforced cement cladding products. The panel products imported into New Zealand by NZ Brick Distributors are from select Japanese manufacturing plants that are certified under ISO14001. The products have been tested for low VOC emissions.</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 The nominated product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator)	○

Disclaimer - Please read this carefully

Each Building Environmental Rating Tool and Scheme nominated herein is owned and operated by its respective operative organisation, independently of EnviroSpec Ltd., and EnviroSpec Ltd. equally operates independently of any nominated rating scheme. The information represented on EnviroSpec is not endorsed by any of these organisations in a direct manner and any decision regarding final approval or refusal of points and certifications where the nominated product is used is at the final discretion of the respective owners and operators of the nominated Building Environmental Rating Schemes, and any network of assessors or auditors that are accredited to operate under their assessment structure, in accordance with all associated technical manuals, rules and guidelines. For detailed technical information about each Building Environmental Rating Schemes and product related criteria please refer to the appropriate technical manuals. EnviroSpec does not accept liability for any loss or damages resulting from the use of this document and emphasizes that this document is provided as guidance only. Use of, or reliance upon, any information contained in this report is at the user's own risk. The information presented in this report is valid for the Building Environmental Rating Schemes and Tools nominated herein only. As and when the respective owners and operators publish updates or new tools, the information may require updating. EnviroSpec Ltd. will only update information in this report upon receiving written consent from the Manufacturer, Supplier or upon request from an operative organisation of one of the Building Environmental Rating Tools nominated herein. **It is the responsibility of the reader to check for regular updates.**

Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar V2 + V3	MAT -1	9	<p>This credit rewards the use of eco-preferred and responsibly sourced materials. Exterior wall cladding falls under the “Wall” construction type*, which is one of a possible thirteen construction types eligible for 1 merit each.</p> <p><i>* Note: This applies whether the product is used for external cladding or internal decorative wall panel applications.</i></p>	✓	0.5 merits (out of 1 available for this construction system)	The nominated product is manufactured in premises certified to ISO 14001.
Homestar V4	MAT -1	10	<p>This credit rewards the use of eco-preferred and responsibly sourced materials. Non timber wall cladding products are one of thirteen possible material categories* eligible for 2 points each.</p> <p><i>*Note: If the product is used for internal decorative wall panel applications, then it falls under the “interior plasterboard and fibre cement linings” category.</i></p>	✓	1 point (out of 2 available for this material category)	The nominated product is manufactured in premises certified to ISO 14001.
Green Star NZ Education 2009 + V3	MAT - B	3	Up to 3 points are available where it is demonstrated that the walls, partitions and joinery used have a reduced environmental impact as determined by the MAT-B walls and partitions calculator.	✓	1.5 points (unweighted product calculator score)	<p>As these boards do not require a paint finish, when used for internal walls/partitions, 1.5 points can be claimed for the manufacturer's ISO14001 certification.</p> <p><i>Note: An additional 0.5 points can be achieved if the wall is dismountable and designed for disassembly.</i></p>
Office Interiors 2009	MAT - B	7	Up to 7 points are available where it is demonstrated that the walls, partitions and joinery used have a reduced environmental impact as determined by the MAT-B walls and partitions calculator.	✓	3.5 points (unweighted product calculator score)	<p>As these boards do not require a paint finish, when used for internal walls/partitions, 3.5 points can be claimed for the manufacturer's ISO14001 certification.</p> <p><i>Note: An additional 1.17 points can be achieved if the wall is dismountable and designed for disassembly.</i></p>
Green Star NZ Office V3.0 + Education V3.1 + Industrial V3.0 + Interiors V3.0	MAT - 3	5	<p>CRITERIA A</p> <p>• Up to 3 points are allocated for the use of Environmentally preferable products (including Applied coatings, Insulation, Flooring, Internal walls and partitions). Each product type is worth up to 1 point. 0.5 points are awarded if > 50% of a selected product type complies, and 1 point is awarded if > 90% of a selected product type complies.</p> <p>CRITERIA B</p> <p>Up to 2 further points are allocated if “common uses of PVC” (including flooring and resilient wall coverings, pipes, wires and blinds) meet the GBCA Best Practice Guidelines or are PVC-free. 1 point is awarded if > 60% by cost complies, and 2 points are awarded if > 90% by cost complies</p>	✓	25 % weighting factor for the Walls and Partitions point	<p>CRITERIA A.</p> <p>The nominated product manufacturer's ISO14001 certificate means the product bears just 25% weighting and would only be recommended in small quantities if targeting 1 point for the walls and partitions element within the Green Star NZ Materials Calculator.</p> <p><i>Note: the remaining points in criteria A are achieved if the other product types also comply.</i></p>
Green Star NZ Office V3 + Education V3.1 + Industrial V3	MAT - 4	5	<p>CRITERIA A</p> <p>• Up to 4 points are allocated for the use of low VOC and low formaldehyde emitting products (including Applied coatings, Adhesives & Sealants, Flooring, Ceilings, Internal walls & partitions) – Each product type is worth up to 1 point. 0.5 points are awarded if > 50% of a selected product type complies, and 1 point is awarded if > 90% of a selected product type complies.</p> <p>CRITERIA B</p> <p>• 1 point is allocated for the use of low formaldehyde emitting engineered wood products (exposed or concealed applications). 0.5 points are awarded if > 50% of a selected product type complies, and 1 point is awarded if > 90% of a selected product type complies.</p>	✓	DRAFT POINTS TBC	<p>DRAFT POINTS TBC AFTER RECEIVING EMISSIONS TEST DATA</p> <p>[REDACTED]</p>

Green Star NZ Interiors V3	MAT - 4	6	<p>CRITERIA A</p> <ul style="list-style-type: none"> Up to 5 points are allocated for the use of low VOC and low formaldehyde emitting products (including Applied coatings, Adhesives & Sealants, Flooring, Ceilings, Internal walls & partitions, and Fitout items) – Each product type is worth up to 1 point. 0.5 points are awarded if > 50% of a selected product type complies, and 1 point is awarded if > 90% of a selected product type complies. <p>CRITERIA B</p> <ul style="list-style-type: none"> 1 point is allocated for the use of low formaldehyde emitting engineered wood products (exposed or concealed applications). 0.5 points are awarded if > 50% of a selected product type complies, and 1 point is awarded if > 90% of a selected product type complies. 		DRAFT POINTS TBC	<p>DRAFT POINTS TBC AFTER RECEIVING EMISSIONS TEST DATA</p>
Circular Economy Model Office	-	-	The nominated product is not required to demonstrate compliance to any particular criteria within this green building rating programme.			
Living Building Challenge	Imperative 10	Pass / Fail	Red List Materials and Chemicals.	No info	No info	The product has not supplied any information regarding red list chemicals.
	Imperative 12	Pass / Fail	Responsible Industry - DECLARE Label.	Fail	Fail	The product does not have a DECLARE Label
	Imperative 13	-	Living (local) economy sourcing.	-	-	The product is sourced from Japan, which falls in the > 5000 kms category.
NABERS NZ	-	-	The nominated product is not required to demonstrate compliance to any particular criteria within this green building rating programme.			
Passive House	-	-	The nominated product is not required to demonstrate compliance to any particular criteria within this green building rating programme.			
Net Zero Energy Building	-	-	The nominated product is not required to demonstrate compliance to any particular criteria within this green building rating programme.			