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Green Building Rating Compatibility Analysis

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<b>Validity</b>			
			
Office 2009 + V3 ✓ Interiors 2009 + V3 ✓ Education 2009 + V3 + V3.1 ✓ Industrial 2009 + V3 ✓	Homestar V2 + V3 ✓	N/A -	N/A -

<b>Client</b>
Forman Building Systems

<b>Product Name</b>
Eurocoustic ceiling tiles

<b>Product Description</b>	
<p>Eurocoustic ceiling tiles are distributed in New Zealand by Forman Building Systems. Multiple options are available, each with varying properties relating to finish, LRV, aesthetic and acoustic properties. The products are manufactured in premises operating an ISO14001 certified Environmental Management System and have been tested for low VOC and low Formaldehyde in accordance with Green Star NZ requirements.</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)	○

**Disclaimer - Please read this carefully**

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Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Green Star NZ Office 2009	IEQ - 8	3	This credit rewards buildings that maximize daylight.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may help improve the floor area with a daylight factor above 2.5%.
	IEQ - 11	3	This credits rewards for good visual comfort and lighting design.	✔ ○	2 (Contributing factor)	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75%, thus satisfying this requirement. The remaining items in this credit are based on lighting design and are not product-dependent.
	ENE - 4	3	This credit rewards design options that lessen lighting energy consumption while maintaining adequate lighting levels	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may assist in reducing the lighting output required to obtain a given lighting level in a space.
	MAT - K	2	This credit rewards the use of eco-preferred and/or low VOC/formaldehyde emitting products for ceilings engineered wood products and gypsum plasterboard.	✔	1 Point	The nominated product complies with the Green Guard emission limits, thus satisfying the requirements to contribute one point.
Education 2009 + V3	IEQ - 8	3	This credit rewards buildings that maximize daylight.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may help improve the floor area with a daylight factor above 2.5%.
	IEQ - 11	3	This credits rewards for good visual comfort and lighting design.	✔ ○	2 points (Contributing factor)	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75%, thus satisfying this requirement. The remaining items in this credit are based on lighting design and are not product-dependent.
	MAT - B	3	When used for Ceiling tiles: * Ceiling tiles without finish required (i.e. Prefinished approved GreenGuard certified ceiling tiles) = 1.8 points. ** Ceiling tiles requiring additional paint or finish = 0.3 points (with an additional 1.5 points achievable if the paint/finish has an approved eco label.)	✔	Up to 1.8 points (unweighted product calculator score)	The nominated product complies with the Green Guard emission limits, thus satisfying the requirements.
Industrial 2009	IEQ - 8	3	This credit rewards buildings that maximize daylight.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may help improve the floor area with a daylight factor above 2.5%.
	IEQ - 11	3	This credits rewards for good visual comfort and lighting design.	✔ ○	2 (Contributing factor)	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75%, thus satisfying this requirement. The remaining items in this credit are based on lighting design and are not product-dependent.

	MAT - K	2	This credit rewards the use of eco-preferred and/or low VOC/formaldehyde emitting products for ceiling tiles, engineered wood products and gypsum plasterboard	✔	1 Point	The nominated product complies with the Green Guard emission limits, thus satisfying the requirements to contribute one point.
<b>Interiors 2009</b>	IEQ - 8	3	This credit rewards buildings that maximize daylight.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may help improve the floor area with a daylight factor above 2.5%.
	IEQ - 11	3	This credits rewards for good visual comfort and lighting design. To achieve 2 point or more, the light reflectance of Ceilings must be minimum 75%.	✔ ○	2 (Contributing factor)	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75%, thus satisfying this requirement. The remaining items in this credit are based on lighting design and are not product-dependent.
	ENE - 4	3	This credit rewards design options that lessen lighting energy consumption while maintaining adequate lighting levels.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may assist in reducing the lighting output required to obtain a given lighting level in a space.
	MAT - B	7	When used for Ceiling tiles: * Ceiling tiles without finish required (i.e. Prefinished approved GreenGuard certified ceiling tiles) = 4.2 points. ** Ceiling tiles requiring additional paint or finish = 0.7 points (with an additional 3.5 points achievable if the paint/finish has an approved eco label.)	✔	Up to 4.2 points (unweighted product calculator score)	The nominated product complies with the Green Guard emission limits, thus satisfying the requirements.
<b>Green Star NZ Office V3.0 + Education V3.1 + Industrial V3 + Interiors V3</b>	IEQ - 8	3	This credit rewards buildings that maximize daylight.	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may help improve the floor area with a daylight factor above 2.5%.
	IEQ - 11	3	This credits rewards for good visual comfort and lighting design.	✔ ○	2 (Contributing factor)	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75%, thus satisfying this requirement. The remaining items in this credit are based on lighting design and are not product-dependent.
	ENE - 4	3	This credit rewards design options that lessen lighting energy consumption while maintaining adequate lighting levels	○	Contributing factor	The nominated Eurocoustic ceiling tiles have a Light Reflectance Value above 75% which may assist in reducing the lighting output required to obtain a given lighting level in a space.
	MAT - 4	2	This credit rewards the use of eco-preferred and/or low VOC/formaldehyde emitting products for ceilings engineered wood products and gypsum plasterboard.	✔	1 Point	The nominated product complies with the Green Guard emission limits, thus satisfying the requirements to contribute one point.
Homestar V2 + V3	EHC-9	2	This credit rewards the provision of an improved sound environment in accordance with items listed in the sound insulation checklist.	✔	0.29/0.33	Acoustic ceiling tiles are referred to in the sound insulation checklist. If the nominated ceiling tiles are used in > 80% of a dwelling's livable rooms then 0.29

## Eurocoustic ceiling tiles - Green Building Summary Sheet -

						points can be claimed in Homestar V2 and 0.33 points can be claimed in Homestar V3.
Living Building Challenge		Pass/Fail	This product has not been assessed against this criteria.	-	-	N/A
SBN Circular Economy Office Model V1.1		Pass/Fail	This product has not been assessed against this criteria.	-	-	N/A

1 Points available and points achieved are considered pre-weighting. Final Green Star NZ category weightings for each tool still apply.  
 2 Post – September 2013, the NZGBC released updated credit classifications with the VOC/ Formaldehyde emission limits on products now being incorporated into the MAT category.