

Product Name	Peter Fell PFL Epoxy Sealer
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-10-42a
Client	Peter Fell

Peter Fell's PFL Epoxy Concrete Sealer forms a hard surface coating that displays excellent impact resistance and will protect the concrete for many years. Designed and made in New Zealand, this water-based epoxy contains less than 30g/L VOC. Components are simply combined in equal quantities, yielding a low viscosity, damp tolerant sealer which is very easy to apply. This product has been tested by CETEC Foray laboratories in accordance with ASTM D3960 and is compliant with the low VOC requirements specified in the Green Star NZ / Homestar Technical Manuals.



Green Star Design & As Built NZ (V1)	Credit 13	1 point
Green Star Interiors NZ (V1)	Credit 13	1 point
Green Star Performance NZ (V1)	Credit 21	1 point
Green Star NZ (V3) Office / Industrial / Interiors + Education V3.1	MAT 4	1 point (out of 1 available for this product type)



Homestar V2 & V3	MAT 2	0.75 points (out of 0.75 points available)
Homestar V4	MAT 2	1 point (out of 1 point available)

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(s) 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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Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Green Star Design & As Built NZ (V1)	Credit 13	2	<p>This credit rewards the use of low VOC and low formaldehyde interior products and finishes that safeguard occupant health through the reduction in internal air pollutant levels.</p> <ul style="list-style-type: none"> - 1 point is available where at least 95% of all internally applied paints, adhesives, sealants and carpets meet stipulated 'Total VOC Limits', or, where no paints, adhesives, sealants or carpets are used in the building. - 1 point is available where at least 95% of all engineered wood products meet stipulated formaldehyde limits or no new engineered wood products are used in the building. 	✓	1 point	This product meets the low VOC requirements.

Green Star Interiors NZ (V1)	Credit 13	2	<p>This credit rewards the use of low VOC and low formaldehyde interior products and finishes that safeguard occupant health through the reduction in internal air pollutant levels.</p> <ul style="list-style-type: none"> - 1 point is available where at least 95% of all internally applied paints, adhesives, sealants and carpets meet stipulated 'Total VOC Limits', or, where no paints, adhesives, sealants or carpets are used in the building. - 1 point is available where at least 95% of all engineered wood products meet stipulated formaldehyde limits or no new engineered wood products are used in the building. 	✓	1 point	This product meets the low VOC requirements.
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Green Star Performance NZ (V1)	Credit 21	3	<p>This credit rewards the measurement and reduction of the environmental impacts of materials in building operations, maintenance and upgrades.</p> <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 1 point is awarded for developing a sustainable procurement framework - 1 point is awarded where the top 3 consumable materials are purchased in accordance with the procurement framework - 1 point is awarded where refurbishment and maintenance materials are purchased in accordance with the procurement framework. <p><u>Refurbishment materials</u> - This includes at a minimum :</p> <ul style="list-style-type: none"> - Paints adhesives, sealants and carpets (to comply with Green Star V3 "Low emitting materials"), - Concrete (to comply with Green Star V3 "Concrete and Aggregate"), - Steel (to comply with Green Star V3 "Steel"). <p><i>* Note: This credit can, if desired, be extended to include doors, wall finishes and paneling, wall and roof insulation, carpet, floor tiles, ceiling tiles, light fixtures and any other building component owned by the building owner (e.g. roof replacement, built in furniture and joinery, etc)</i></p> <p><i>This only applies if the refurbishment work is > \$5/m2, otherwise the credit is deemed N/A</i></p>	✓	1 point	<p>For materials credits in Green Star Performance, if the specific requirement is not covered in the submission guidelines, the project should refer to the GS Design & As Built for reference.</p> <p>This product meets the low VOC requirements.</p>
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Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar (V2 & V3)	MAT-2	3	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated product is eligible for 0.75 points out of 3.	✓	0.75 points (out of 0.75 points available)	The nominated product has low VOC emissions, contributing to 0.75 points.
Homestar V4	MAT-2	4	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. Sealants are one of four material categories eligible for 1 point each.	✓	1 point (out of 1 point available for paints and coatings)	This product has low VOC emissions, contributing to 1 point.

LEGACY GREEN STAR NZ TOOLS

Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Green Star NZ Office V3.0 + Education V3.1 + Interiors V3.0	MAT-4	5	This credit rewards up to 5 points in total. • 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. <u>Benchmarks are:</u> - 0.5 points are awarded if > 50% of a selected product type complies. - 1 point is awarded if > 90% of a selected product type complies. • 1 point is allocated for the use of low formaldehyde emitting engineered wood products (exposed or concealed applications) 90% complies.	✓	1 point <i>(out of 1 available for this product type)</i>	This product complies with the VOC emission requirements of a level A recognized ecolabel, and therefore satisfies the credit criteria for this credit. <i>Note: the remaining points in MAT 4 are achieved if the other product types also comply.</i>