

Product Name	Degadur - MMA products with Environmental Product Declaration
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-21-98a
Client	Degafloor NZ

DEGADUR® resins are solvent free, an anti-microbial floor coating that are covered by an Industry-wide EPD. The system includes:

- Unfilled or Low Filled resins (Crack sealer, 112, 526, 527 resins)
- Highly filled flow coatings (420 resin)



Green Star Design & As Built NZ (V1)	Credit 13	1 point
	Credit 21	Sustainability Factor (SF) = 0.5



Green Star Interiors NZ (V1)	Credit 12	2 points
	Credit 21	Sustainability Factor (SF) = 0.5

Green Star Performance NZ (V1)	Credit 21	1 point
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Homestar V5	HC7	1 point (out of 1 point available)
	EN3	0.75 points (out of 1.5 points available)

Homestar V4	MAT 1	1 point (out of 2 points available)
	MAT 2	1 point (out of 1 point available)



Living Building Challenge V4	Imperative 13	Pass
	Imperative 10	Pass

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)	○

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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> <p>- 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.</p> <p>- 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.</p>	✓	1 point	<p>This product is low VOC emitting in accordance with relevant requirements, therefore contributing towards 1 point.</p> <p><i>Note: achieving 1 point here is dependent on the remaining products in the category also being compliant.</i></p>
	Credit 21	3	<p>This credit rewards the selection of products that meet transparency and sustainability requirements. Points are awarded based on the Project Sustainability Value (PSV*) and comparing it with the Project Contract Value (PCV).</p> <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 1 point is awarded if PSV > 3% of PCV - 1 point is awarded if PSV > 6% of PCV - 1 point is awarded if PSV > 9% of PCV <p><i>The Project Sustainability Value is the sum of all the compliant product's "Product Sustainability Value" (PSV).</i></p> <p><i>The PSV = Sustainability Factor x cost of product</i></p>	✓	Sustainability Factor (SF) = 0.5	<p>This product falls under the category of "All other products or materials used in a project which could potentially have a 'Transparency or Sustainability Initiative'".</p> <p>This product holds an Industry-wide EPD, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 0.5".</p>

Green Star Interiors NZ (V1)	Credit 12	6	<p>This credit rewards the use of plants, as well as low VOC and low formaldehyde interior products and finishes that safeguard occupant health through the reduction in internal air pollutant levels.</p> <p>- 2 points are 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.</p> <p>- 2 points are 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.</p> <p>- 2 points are available where indoor plants are distributed across the nominated area and are regularly maintained.</p>	✓	2 points	<p>This product is low VOC emitting in accordance with relevant requirements, therefore satisfying the credit criteria for low VOC emissions.</p> <p><i>Note: achieving 2 points here is dependent on the remaining products in the category also being compliant.</i></p>
	Credit 21	19	<p>This credit rewards the selection of products that meet transparency and sustainability requirements. Points are awarded based on the Project Sustainability Value (PSV*) and comparing it with the Total Materials Cost (TMC).</p> <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 3.8 points are awarded if PSV > 20% of TMC - 7.2 points are awarded if PSV > 40% of TMC - 11.4 points are awarded if PSV > 60% of TMC - 15.2 points are awarded if PSV > 80% of TMC - 19 points are awarded if PSV = 100% of TMC <p><i>The Project Sustainability Value is the sum of all the compliant product's "Product Sustainability Value" (PSV).</i></p> <p><i>The PSV = Sustainability Factor x cost of product</i></p>	✓	Sustainability Factor (SF) = 0.5	<p>This product falls under the category of "All other products or materials used in a project which could potentially have a 'Transparency or Sustainability Initiative'".</p> <p>This product holds an Industry-wide EPD, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 0.5".</p>

<p>Green Star Performance NZ (V1)</p>	<p>Credit 21</p>	<p>3</p>	<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 - This includes at a minimum :</u></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>	<p>✓</p>	<p>1 point</p>	<p>This product is low VOC emitting in accordance with relevant requirements, therefore contributing towards 1 point.</p> <p><i>Note: achieving 1 point here is dependent on the remaining products in the category also being compliant.</i></p>
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Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar V5	HC7	4	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. Applied coatings are one of four material categories eligible for 1 point each.	✓	1 point	This product is low VOC emitting in accordance with relevant requirements, therefore contributing towards 1 point.
	EN3	10	This credit rewards the selection of eco-preferred and responsibly sourced materials. Applied coatings are one of thirteen possible material categories eligible for up to 1.5 points each.	✓	0.75 points (out of 1.5 points available)	This product holds an Industry-wide EPD, therefore contributing towards 0.75 points.
Homestar V4	MAT-1	10	This credit rewards the use of eco-preferred and responsibly sourced materials. Applied coatings are one of thirteen possible material categories eligible for up to 2 points each.	✓	1 point (out of 2 points available)	This product holds an Industry-wide EPD, therefore contributing towards 1 point.
	MAT-2	4	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. Applied coatings are one of four material categories eligible for 1 point each.	✓	1 point	This product is low VOC emitting in accordance with relevant requirements, therefore contributing towards 1 point.

Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Living Building Challenge V3	Imperative 10	Pass/Fail	This imperative restricts the use of products that contain Red List chemicals as nominated by the Living Building Challenge.	✓	Pass	The manufacturer has supplied a declaration of red-list free content.
Living Building Challenge V4	Imperative 13	Pass/Fail	This imperative restricts the use of products that contain Red List chemicals as nominated by the Living Building Challenge.	✓	Pass	The manufacturer has supplied a declaration of red-list free content.