

Product Name	Associated Weavers Carpet - Donegal with Nylon (Polyamide) pile, Textile backing, < 1200 g/m2 pile weight & approved EPD.
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-19-94e
Client	Belgotex New Zealand

The above-nominated Associated Weavers carpet product(s) are distributed by Belgotex New Zealand. Associated Weavers carpets are manufactured in Europe, have been tested and certified to GUT low VOC benchmarks (which is an approved low VOC pathway for ECNZ) and hold an Industry-Wide Environmental Product Declaration (EPD) . This includes the range currently sold in New Zealand as “Donegal” .



Green Star Design & As Built NZ (V1)	Credit 13	1 point
	Credit 20	1 point
	Credit 21	Sustainability Factor (SF) = 0.5
Green Star Interiors NZ (V1)	Credit 12	2 points
	Credit 20	1 point
	Credit 21	Sustainability Factor (SF) = 0.5
Green Star Performance NZ (V1)	Credit 21	1 point



Homestar V5	HC7	1 point
	EN3	0.75 points
Homestar V4	MAT-1	1 point
	MAT-2	1 point



WELL Building Standard® V1	Feature 04	Complies
WELL Building Standard® V2	Feature X06	1 point (part 2)

Manner in which the product may contribute towards points	Legend of Symbols in EnviroSpec
Product(s) must meet specific criteria (e.g. Paint VOC emissions, carpets, etc)	✓
Product(s) may help achieve points by their very nature, if they are specified and installed (e.g. bicycle racks)	●
Product(s) 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 product(s) 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 product(s) 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 product(s) meet stipulated formaldehyde limits or no new engineered wood product(s) are used in the building.</p>	✓	1 point	<p>The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as suitable VOC standards within Environmental Choice NZ, which is an approved ecolabel.</p> <p><i>Note: achieving 1 point here is dependent on the remaining product(s) in the category also being compliant.</i></p>
	Credit 20	3	<p>This credit rewards projects that achieve a reduced environmental impact in the sourcing of steel, timber and PVC.</p> <p>Steel - 1 point is available where 95% of the building's steel (by mass) is sourced from a Responsible Steel Maker (manufacturer) ; and</p> <p>For steel framed buildings - at least 60% of the fabricated structural steelwork is supplied by a responsible steel fabricator/steel contractor.</p> <p>For concrete framed buildings - at least 60% (by mass) of all reinforcing bar and mesh is produced using energy-reducing processed in its manufacture holds Environmental Choice EC-41-15 certification.</p> <p>Timber - 1 point is available where at least 95% (by cost) of all timber used in the building and construction works is either certified by a recognised forest certification scheme, or is from a reused source.</p> <p>PVC - 1 point is available where 90% (by cost) of all permanent formwork, pipes, flooring, blinds and cables in a project are either PVC free, or meet the GBCA's Best Practice Guidelines for PVC.</p>	✓	1 point	<p>The nominated flooring product(s) are PVC free, which may help contribute up to 1 point provided the user also specifies other relevant items to ensure > 90% of product(s) by cost comply.</p>
	Credit 21	3	<p>This credit rewards the selection of product(s) 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>The nominated product(s) hold a valid Industry-Wide EPD , therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 0.5".</p>

Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
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 product(s) 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 product(s) meet stipulated formaldehyde limits or no new engineered wood product(s) 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>The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as suitable VOC standards within Environmental Choice NZ, which is an approved ecolabel.</p> <p><i>Note: achieving 2 points here is dependent on the remaining product(s) in the category also being compliant.</i></p>
	Credit 20	2	<p>This credit rewards projects that achieve a reduced environmental impact in the sourcing of timber and PVC.</p> <p>Timber - 1 point is available where at least 95% (by cost) of all timber used in the building and construction works is either certified by a recognised forest certification scheme, or is from a reused source.</p> <p>PVC - 1 point is available where 90% (by cost) of all permanent formwork, pipes, flooring, blinds and cables in a project are either PVC free, or meet the GBCA's Best Practice Guidelines for PVC.</p>	✓	1 point	<p>The nominated flooring product(s) are PVC free, which may help contribute up to 1 point provided the user also specifies other relevant items to ensure > 90% of product(s) by cost comply.</p>
	Credit 21	19	<p>This credit rewards the selection of product(s) 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>The nominated product(s) hold a valid Industry-Wide EPD, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 0.5".</p>
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 > 75% by cost of refurbishment and maintenance materials are purchased in accordance with the procurement framework, or 0.5 points if > 50% by cost comply. <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>The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as suitable VOC standards within Environmental Choice NZ, which is an approved ecolabel. (contributing to 1 point).</p> <p><i>Note: achieving 0.5 or 1 point here is dependent on total % achieved when including the other refurbishment product(s) purchased.</i></p>

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. Engineered wood is one of four interior finish categories eligible for 1 point each, provided > 80% of product compliance is achieved.	✓	1 point	The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as suitable VOC standards within Environmental Choice NZ, which is an approved ecolabel.
	EN3	10	This credit rewards the use of eco-preferred and responsibly sourced materials. Flooring product(s) are one of thirteen possible material categories eligible for 1.5 points each.	✓	0.75 points	The nominated product(s) hold a valid Industry-Wide EPD , contributing to 0.75 points.
Homestar V4	MAT-1	10	This credit rewards the use of eco-preferred and responsibly sourced materials. Flooring product(s) are one of thirteen possible material categories eligible for 2 points each.	✓	1 point	The nominated product(s) hold a valid Industry-Wide EPD , contributing to 1 point.
	MAT-2	4	This credit rewards the use of low VOC and low formaldehyde interior product(s) and finishes. Floor coverings are one of four material categories eligible for 1 point each.	✓	1 point	The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as suitable VOC standards within Environmental Choice NZ, which is an approved ecolabel.
WELL Building Standard® V1	Feature 04	Pass/Fail	<p>Any newly installed items from the below product groups must meet prescribed low emissions criteria and/or equivalencies.</p> <p>PART 1: Interior Paints and Coatings PART 2: Interior Adhesives and Sealants PART 3: Flooring PART 4: Insulation (excluding duct insulation) PART 5: Furniture and Furnishings</p> <p>For detailed compliance criteria and acceptable equivalencies please refer to WELL V1 Standard</p>	✓	Pass	The nominated product(s) demonstrate compliance with low VOC emissions via Gut accreditation, which is nominated as acceptable equivalencies in WELL for this feature.
WELL Building Standard® V2	Feature X06	4	<p>Part 1 - Wet-Applied Products (applicable to all spaces) 2 points are available if newly installed interior wet-applied paints, coatings, adhesives, sealants and finished poured floorings used inside the building envelope (minimum 10 distinct products or applied to at least 10% of project area) meet the methods and VOC emission thresholds of various nominated standards, AND > 75% of products (by surface area or volume) are tested by a third-party laboratory to meet testing methods and thresholds of CDPH Standard Method v1.2., AgBB, or European Union LCI VOC thresholds following EN 16516-1:2017 testing methods.</p> <p>Part 2 - Furniture, Architectural and Interior Products (applicable to all spaces) Up to 2 points are available if 2 of the following product categories are compliant as follows: > 90% of Flooring (by area or cost) > 75% of Furniture, millwork and fixtures (by cost) > 75% Insulation, ceiling and wall panels (by area or cost) To be compliant, products must either comply with VOC thresholds in nominated standards, or be made exclusively from inert materials, or installed for at least 6 months before project registration or manufactured and unmodified at least one year before project registration.</p> <p>For detailed compliance criteria and acceptable equivalencies please refer to WELL V2 Standard</p>	✓	1 point (Part 2)	<p>This flooring product holds GuT low VOC certification which complies with AgBB.</p> <p>As this is a nominated recognized low VOC standard in WELL v2 the product is able to contribute towards 1 point.</p>