

- GREENTAG CERTIFIED RANGE -
- Green Building Summary Sheet

Product Name	Belgotex broadloom and carpet tiles – Selected model ranges (As noted on the GreenTag GreenRate certificates)
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-19-94a
Client	Belgotex NZ

Belgotex carpets are manufactured in South Africa and distributed in New Zealand by Belgotex NZ, offering a wide range of patterns, textures, and sizes. This document applies to all Belgotex SDX tufted broadloom carpet and SDX tufted carpet tiles (with Bitumen backing only) as nominated on the GreenTag GreenRate Level A certificates from www.greentag.com. The manufacturing plant received South Africa's first Custom Industrial 6 Green Star rating. The nominated products are manufactured in an ISO14001 certified manufacturing plant, hold a GreenTag ISO14025 compliant EPD, are GreenTag GreenRate Level A certified, and PVC free.



Green Star Buildings	Credit 09	Up to 2 points
	Credit 13	Minimum expectation achieved
Green Star Design & As Built NZ (V1)	Credit 13	1 point
	Credit 20	1 point
	Credit 21	Sustainability Factor (SF) = 1
Green Star Interiors NZ (V1)	Credit 12	2 points
	Credit 20	1 point
	Credit 21	Sustainability Factor (SF) = 1
Green Star Performance NZ (V1)	Credit 21	1 point



Homestar V5	HC 7	1 point
	EN3	1.5 points
Homestar V4	MAT-1	2 points
	MAT-2	1 point

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 Buildings NZ	Credit 09	2	<p>The building's internal finishes are comprised of responsibly manufactured products.</p> <p><u>Credit achievement</u> – 1 point is available if 40% of all internal building finishes (by cost) meet a Responsible Products Value (RPV) ≥ 7.</p> <p><u>Exceptional Performance</u> – 1 additional point is available if, in conjunction with the above, either 10% of all internal building finishes (by cost) meet a RPV ≥ 12, or 60% of all internal building finishes (by cost) meet a ≥ 7.</p> <p><i>Internal finishes include flooring, plasterboard, paints, ceilings, partitions, doors, internal glazing partitions or similar. Joinery used as part of a wall finish may be counted, e.g., wall paneling or fixed shelving/cupboards that make up a partition. Sealants & adhesives used for finishes are also included. Loose furniture is not included.</i></p>	✓	Up to 2 points	The nominated products hold GreenTag GreenRate level A certification, as well as GreenTag EPD and ISO14001 which combined equate to RPV 15.
	Credit 13	2	<p>The building's occupants are not directly exposed to toxins in the spaces they spend time in.</p> <p><u>Minimum Expectation</u> – It is a mandatory minimum (nil points awarded) that the building's paints, adhesives, sealants, carpets, and engineered wood products are low in TVOC or non-toxic (i.e meet the low VOC and Formaldehyde thresholds stated in the Green Star submission guidelines); and occupants are not exposed to banned or highly toxic materials in the building (i.e a survey on any existing buildings or structures is undertaken and any identified asbestos, lead, or PCBs is stabilised or removed and disposed of in accordance with best practice guidelines.)</p> <p><u>Credit Achievement</u> – 2 points are available if on-site tests verify the building has low Volatile Organic Compounds (VOC) and formaldehyde levels. Testing must take place after practical completion and prior to occupants moving into the building, and in accordance with the criteria stated in the Green Star submission guidelines.</p>	✓	Minimum expectation achieved	<p>The nominated products hold GreenTag GreenRate level A certification, which is listed as a Recognised Product Certification Scheme in the 'Exposure to Toxins Product Certifications Schemes Index'.</p> <p><i>Note: achieving the minimum expectation here is dependent on the remaining products in the category also being compliant.</i></p>

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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>The nominated products hold a level A approved eco-label, 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 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 products are PVC free, which may help contribute up to 1 point provided the user also specifies other relevant items to ensure > 90% of products by cost comply.</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) = 1	<p>The nominated flooring products hold a level A approved eco-label, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 1".</p>

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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> <ul style="list-style-type: none"> - 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. - 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. - 2 points are available where indoor plants are distributed across the nominated area and are regularly maintained. 	✓	2 points	<p>The nominated products hold a level A approved eco-label, 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 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 products are PVC free, which may help contribute up to 1 point provided the user also specifies other relevant items to ensure > 90% of products by cost comply.</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) = 1	<p>The nominated flooring products hold a level A approved eco-label, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 1".</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 products hold a level A approved eco-label, therefore satisfying the credit criteria for low VOC emissions.</p> <p><i>Note: achieving 0.5 or 1 point here is dependent on total % achieved when including the other refurbishment products purchased.</i></p>

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Homestar V5	HC7	4	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. Floor coverings are one of four interior finish categories eligible for 1 point each, provided > 80% of product compliance is achieved.	✓	1 point (out of 1 points available)	The nominated products hold a level A approved eco-label, therefore satisfying the credit criteria for low VOC emissions.
	EN3	10	This credit rewards the selection of eco-preferred and responsibly sourced materials, with thirteen possible material categories eligible for up to 1.5 points each, provided > 50% of product compliance is achieved based on the relative weighting of individual product ecolabel certifications.	✓	1.5 points (out of 1.5 points available for this material category)	The nominated flooring products hold GreenTag GreenRate level A approved eco-label certification, satisfying the requirements for this credit.
Homestar V4	MAT-1	10	This credit rewards the use of eco-preferred and responsibly sourced materials. Flooring products are one of thirteen possible material categories eligible for 2 points each.	✓	2 points (out of 2 points available for this material category)	The nominated flooring products hold GreenTag GreenRate level A approved eco-label certification, satisfying the requirements for this credit.
	MAT-2	4	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. Floor coverings are one of four material categories eligible for 1 point each.	✓	1 point (out of 1 available for floor coverings)	The nominated products hold a level A approved eco-label, therefore satisfying the credit criteria for low VOC emissions.