

Product Name	Venis Ceramic Floor Tiles
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-016-10h
Client	Jacobsen

Venis floor tiles are glazed porcelain, suitable for all foot traffic areas including heavy duty commercial. Manufactured in ISO 14001 certified premises and low VOC emissions through inert material



Green Star Design & As Built NZ (V1)	Credit 20	1 point
Green Star Interiors NZ (V1)	Credit 20	1 point
Green Star Performance NZ (V1)	Credit 21	1 point
Green Star NZ (V3) Office / Industrial / Interiors + Education V3.1	MAT 3 MAT 4	Criteria A - 0.25 weighting factor & Criteria B – 2 points 1 point



Homestar V4	MAT-1	1 point
	MAT-2	1 point
Homestar (V2 and V3)	MAT-1	0.5 merits
	MAT-2	0.75 point



WELL Building Standard® V1	Feature 04	Complies
WELL Building Standard® V2	Feature X11	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)	○
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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 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	This flooring product is 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.
Green Star Interiors NZ (V1)	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	This flooring product is 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.
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>This product is classified as option 3 'inert material' in accordance with NZGBC guidelines and therefore satisfies 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>

Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar (V2 and V3)	MAT-1	9 (all products combined)	This credit rewards the selection of eco-preferred and responsibly sourced materials. Floor coverings are one of thirteen possible construction types eligible for up to 1 merit each.	✓	0.5 merits (out of 1 merit available for floor coverings)	This flooring product is made by an ISO14001 certified manufacturer (contributing to 0.5 merits).
	MAT-2	3 (all products combined)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. This product is eligible for 0.75 points out of 3.	✓	0.75 points (out of 0.75 points available for floor coverings)	This product is classified as 'inert material' in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.
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.	✓	1 point (out of 2 points available for floor coverings)	This flooring product is made by an ISO14001 certified manufacturer (contributing to 1 point).
	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 point available for flooring)	This product is classified as 'inert material' in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.
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	<p>The IWBI recognizes ceramic products as inherently non-emitting, thus complying with this feature (Feature 04 – part 3 Flooring)</p> <p>Please note: any adhesives, grouts and sealants need to be compliant in accordance with Feature 04 – part 2.</p>
WELL Building Standard® V2	Feature X11	3	<p>PART 1: Furniture and Furnishings</p> <ul style="list-style-type: none"> • 1 point is available if >50% by cost of newly installed furniture and furnishings meet VOC emission thresholds. • 2 points are available if >90% by cost of newly installed furniture and furnishings meet VOC emission thresholds. <p>PART 2: Flooring and Insulation</p> <ul style="list-style-type: none"> • 1 point is available if all newly installed flooring and thermal and acoustic insulation (excluding duct insulation) inside the building meet the following VOC emission thresholds. <p>For detailed compliance criteria and acceptable equivalencies please refer to WELL V2 Standard</p>	✓	1 point (out of 1 point available for Part 2)	<p>The IWBI recognizes ceramic products as inherently non-emitting, thus complying with this feature (Feature X11 – part 2 Flooring)</p> <p>Please note: any adhesives, grouts and sealants need to be compliant in accordance with Feature X12– parts 1 and 2.</p>

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 + Industrial V3.0 + Interiors V3	MAT-3	5	<p>This credit rewards up to 5 points in total.</p> <p>CRITERIA A</p> <ul style="list-style-type: none"> Up to 3 points are allocated for the use of Environmentally preferable products (including Applied coatings, Insulation, Flooring, Ceilings, Internal walls and partitions). Each product type is worth up to 1 point. <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 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. <p>CRITERIA B</p> <p>Up to 2 further points are allocated if “common uses of PVC” (including flooring and resilient wall coverings, pipes, wires and blinds) meet the GBCA Best Practice Guidelines or are PVC-free. 1 point is awarded if > 60% by cost complies and 2 points are awarded if > 90% by cost complies</p>	✓	<p>Criteria A 0.25 weighting factor</p> <hr/> <p>Criteria B 2 points</p>	<p>CRITERIA A.</p> <p>This flooring product is made by an ISO14001 certified manufacturer (contributing to 0.25 points - unweighted in the calculator.)</p> <p><i>Note: This product would need to be balanced with other flooring products achieving higher calculator scores to secure minimum final benchmarks for points.</i></p> <p>CRITERIA B</p> <p>This flooring product is PVC free, which may help contribute up to 2 points provided the user also specifies compliant pipes, wires, blinds and resilient wall coverings, ensuring overall > 90% of products by cost comply</p>
Green Star NZ Office V3.0 + Education V3.1 + Industrial V3.0	MAT-4	5	<p>This credit rewards up to 5 points in total.</p> <ul style="list-style-type: none"> 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. <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 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. <ul style="list-style-type: none"> 1 point is allocated for the use of low formaldehyde emitting engineered wood products (exposed or concealed applications) 90% complies. 	✓	1 point	<p>This product is classified as ‘inert material’ in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.</p>
Green Star NZ Interiors V3	MAT-4	6	<p>This credit rewards up to 6 points in total.</p> <ul style="list-style-type: none"> 5 points are allocated for the use of low VOC and low formaldehyde emitting products (including Applied coatings, Adhesives & Sealants, Flooring, Ceilings, Internal walls & partitions + Fitout items) – Each product type is worth up to 1 point. <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 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. <ul style="list-style-type: none"> 1 point is allocated for the use of low formaldehyde emitting engineered wood products (exposed or concealed applications) 90% complies. 	✓	1 point	<p>This product is classified as ‘inert material’ in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.</p>

