








Author	EnviroSpec Verification Services
Document Type	Green Building Rating Compatibility Analysis
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Client	Tile Depot
Product Name	Panariagroup Italian tiles – Selected model ranges (Trilogy, Horizon, Glance, Memory Mood, North Cape, Frame, Tracks)

Product Description

The above-nominated Panariagroup Italian tiles (selected model ranges) represent collections of porcelain stoneware, some of which include antislip surface finishes and some which are imbued with a MICROBAN surface which uses silver based integrated technology cooked into the glaze, up to 99% of bacteria are eliminated from the tile surface.

The nominated tiles are produced in 3 main manufacturing sites, which are all covered by ISO14001 and have EPDs produced. The products also display low VOC emissions through inert material (supported by additional test certification).







Validity		
	Homestar V2 + V3 + V4	✓
	V3.1 and V3.2	✓
	V1 and V2	✓
	V 1	Not assessed
	V3	Not assessed
	NABERSNZ	Not applicable
	Passive House	Not applicable
	Net Zero Building Certification	Not applicable

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 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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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>	✓	0.75 points	<p>CRITERIA A.</p> <p>This flooring product has a manufacturer specific EPD, based on a Cradle-to-Grave Scope, independently audited and issued in compliance with ISO14025 and EN15804, thus contributing to 0.75 points (unweighted in the calculator.)</p> <p><i>Note: the remaining points in criteria A are achieved if the other product types also comply.</i></p> <p><i>Note: Option to claim extra points if using the ceramic tile as a substitute to a product normally classified under 'normal uses of PVC'.</i></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 option 3 '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 option 3 'inert material' in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.</p>
Homestar (V2 and V3)	MAT-1	9 (all products combined)	<p>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.</p>	✓	0.5 merits (out of 1 merit available for floor coverings)	<p>This product has a manufacturer specific EPD, based on a Cradle-to-Grave Scope, independently audited and issued in compliance with ISO14025 and EN15804, thus contributing to 0.75 merits.</p>
	MAT-2	3 (all products combined)	<p>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.</p>	✓	0.75 points (out of 0.75 points available for floor coverings)	<p>This product is classified as 'inert material' in accordance with NZGBC guidelines and therefore satisfies the credit criteria for low VOC emissions.</p>

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 has ISO14001 certification, 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><i>Please note: any adhesives, grouts and sealants need to be compliant in accordance with Feature 04 – part 2.</i></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><i>Please note: any adhesives, grouts and sealants need to be compliant in accordance with Feature X12– parts 1 and 2.</i></p>
Living Building Challenge		Pass/Fail	This product has not been assessed against these criteria.	-	-	N/A
SBN Circular Economy Office Model V1.1		Pass/Fail	This product has not been assessed against these criteria.	-	-	N/A