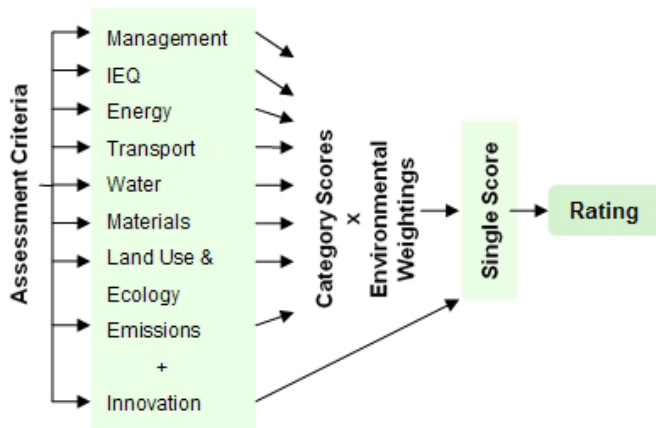


Wattyl (NZ) Ltd and New Zealand Green Building Council

Green Star Ratings

The New Zealand Green Building Council (NZGBC) is committed to setting standards of best practice and leadership through the development of green building rating tools, so the property industry can apply to have their projects rated according to their building type.

Green Star NZ addresses the needs of specific building types, such as office buildings, industrial buildings and education buildings, in the design phase, and following construction (the Built phase). The tools assess the environmental impact that is a direct consequence of a buildings site selection, design, construction, and maintenance. The framework has eight separate environmental impact categories plus an innovation category as set out in the diagram below.



All of the categories contain credits that address initiatives that improve or have the potential to improve a buildings environmental performance. Points are awarded in each credit for actions that demonstrate the building has met the credits criteria.

What do the Green Star NZ ratings mean?

Green Star NZ rating tools use six stars to measure performance. Projects that obtain a predicted rating of one, two or three stars are not eligible for formal certification. Projects that obtain a predicted rating of four stars or above are eligible to apply for formal certification, whereby a

4 Star Green Star Certified Rating (score 45-59) recognises and rewards "Best Practice";

5 Star Green Star Certified Rating (score 60-74) recognises and rewards "New Zealand Excellence";

6 Star Green Star Certified Rating (score 75-100) recognises and rewards "World Leadership".

Green Star NZ recognises and rewards the specification and inclusion of third party certified products and materials through a number of Materials Credits. Environmental Choice NZ (ECNZ) certified products and materials are recognised by NZGBC.

Initiated and endorsed by the New Zealand Government, Environmental Choice NZ recognises the genuine moves made by manufacturers to reduce the environmental impacts of their products and

provides a credible and independent guide for consumers who want to purchase products that are better for the environment.

Materials that meet the requirement of ECNZ and or third party certification are able to receive points that contribute to the overall score of a Green Star NZ certified building.

Applied Coatings (paint) are awarded points in two sections:

IEQ (Indoor Environmental Quality) - the requirement to meet the VOC criteria set by ECNZ.

MATS (Materials) -third party accreditation ECNZ.

There is 1 (one) point awarded for each section providing that 90% or greater of coatings applied within the perimeter boundary of the building site meet the requirements of IEQ and MATS. Just to add to the confusion each of the NZGBC ratings Tools have slightly different weightings and criteria and the Envirospec documentation further on shows how the points are allocated against each rating Tool.

No additional points are awarded if the paint system is better than the NZGBC criteria. If two products meet the NZGBC standard and one is better on some aspect than the other, such as lower VOC's than specified in ECNZ, they still both get the same Green Star points. \

Environmental Choice New Zealand (ECNZ) is an environmental labelling programme which has been created to help businesses and consumers find products and services that ease the burden on the environment. The programme results from a New Zealand Government initiative and has been established to improve the quality of the environment by minimising the adverse and maximising the beneficial environmental impacts generated by the production, distribution, use and disposal of products, and the delivery of services. The programme is managed by the New Zealand Ecolabelling Trust. ECNZ operates to the ISO 14024 standard "Environmental labels and declarations - Guiding principles" and the Trust is a member of the Global Ecolabelling Network (GEN) an international network of national programmes also operating to the ISO 14024 standard. ISO 14024 requires environmental labelling specifications to include criteria that are objective, attainable and verifiable. It requires that interested parties have an opportunity to participate and have their comments considered. It also requires that environmental criteria be set, based on an evaluation of the environmental impacts during the actual product or service life cycle, to differentiate product and services on the basis of preferable environmental performance.

The life cycle approach is used to identify and understand environmental issues (adverse or beneficial impacts) across the whole life of a product or service (within a defined product or service category). Paint products can have significant impacts on the environment throughout their lifecycle, including through the release of environmentally harmful substances: during manufacturing processes; when paints are being applied; from painted surfaces throughout their "life"; and when unused paint is disposed or paint is removed.

Based on a review of currently available information, the specification sets requirements that will provide an environmental benefit by:

- reducing the use and subsequent release of environmentally harmful substances to the environment at all stages of the paint product's life cycle;
- reducing impacts from energy use in production processes;
- encouraging more efficient and effective use of products by consumers; and
- encouraging recovery, reuse, recycling and responsible disposal of unwanted paint and packaging.

Wattyl products that have the Environmental Choice licence:

Product Standard:

Paints (EC-07-09)

Wattyl Interior Design id:

Silk
Eggshell
Ceiling Paint
Primer Undercoat

Wattyl Solagard:

Gloss White
Semi Gloss White
Low Sheen White
Roof White

Wattyl Aqua Wall & Trim:

Gloss White
Semi Gloss White
Eggshell White

Taubmans:

LivingProof Silk White
All Weather Roof Acrylic Galvanised
Iron Primer
Tradex Ceiling Flat White
Easysand Sealer Undercoat

Taubmans UltraProof:

Gloss White
Semi Gloss White
Satin White
Eggshell White

Taubmans EcoProof:

Silk
Eggshell
Ceiling Paint
Primer Undercoat

What are VOCs anyway? - The term Volatile Organic Compounds or VOCs needs some further explanation.

In today's supermarkets we see food and other products labelled organic everywhere, with the clear consumer message being that such products are "natural" and, presumably, good for you. But in the language of chemists, and in the context of VOCs, organic simply means a compound containing carbon. That applies to anything that was once living, which includes petroleum oil, the fossil fuel base for many chemical compounds used in a vast array of consumer and industrial products, including paints.

The key word is "volatile", denoting the ability to escape the paint at normal room temperatures - an evaporation process called "off gassing" - and pollute the surrounding air. It is this same property of volatility that petroleum refiners use to distil many VOCs from oil, leaving behind commercial fuels like petrol and diesel and extracting by-products that are the building blocks for plastics among other petrochemical-derived products.


There are many sources of advice on VOC's and the air quality challenges that they pose, including green-building advice websites:

"VOC refers to a class of chemicals which evaporate readily at room temperature. They are in all oil-based paints as solvents. Many latex paints (which use water as the 'solvent' or carrier) also contain VOC's as part of their paint chemistry. When these VOC's off-gas, they may cause a variety of health problems like nausea, dizziness, irritation of the eyes and respiratory tract, and more serious illnesses including heart, lung or kidney damage and even cancer. Certain people are particularly susceptible to these effects, including those with weakened immune systems or chemical sensitivities, asthmatics, young children and the elderly.

"Because low- or no-VOC paints have less odour and less impact on air quality, they are excellent for use in buildings where it is desirable to have very low levels of toxicity, such as hospitals, schools, or the homes and workplaces of those who are chemically sensitive. Soap and water are all that is needed to clean up equipment and spills when latex formula coatings are used. Since VOC emissions may contribute to higher ozone levels, use of low-VOC paints may improve overall air quality.

Paints and Applied coatings that wish to demonstrate compliance with the VOC emission standards notified in the Green Star NZ Technical Manuals must be classified in accordance with their respective category/purpose for use. Below are the results for Wattyl / Taubmans paints in relation to the Green Star NZ 2009 tools. These results have been calculated in accordance with the Environmental Choice NZ methodology nominated in EC-07-09

Applied Coatings (Paints, Varnishes and Protective Coatings)		
Product Type (Green Star NZ table)	VOC limit (g/L)	Supplier product name
Low sheen (interior)	60	Interior Design id Silk - <1gm/l EcoProof Silk - <1gm/l UltraProof Acrylic Enamel Satin - 46 gm/l
Low sheen (exterior)	60	Solagard Low Sheen - 41 gm/l UltraProof Acrylic Enamel Satin - 46 gm/l
Flat (interior) - washable	55	Interior Design id Eggshell - <1gm/l EcoProof Eggshell < 1gm/l AquaWall & Trim Waterbased Enamel Eggshell - 45 gm/l UltraProof Acrylic Enamel Eggshell - <1gm/l
Flat (interior) - ceiling	60	Interior Design id Ceiling White - <1gm/l EcoProof Ceiling Paint - <1gm/l
Flat (exterior)	55	-
Semi gloss (interior)	65	LivingProof Silk - 63 gm/l AquaWall & Trim Waterbased Enamel Semi Gloss - 45 gm/l UltraProof Acrylic Enamel Semi Gloss - 45 gm/l
Semi gloss (exterior)	65	Solagard Semi Gloss - 37 gm/l AquaWall & Trim Waterbased Enamel Semi Gloss - 45 gm/l UltraProof Acrylic Enamel Semi Gloss - 45 gm/l
Gloss (interior)	75	AquaWall & Trim Waterbased Enamel Gloss - 41 gm/l UltraProof Acrylic Enamel Gloss - 45 gm/l
Gloss (exterior)	75	Solagard Gloss - 41 gm/l AquaWall & Trim Waterbased Enamel Gloss - 41 gm/l UltraProof Acrylic Enamel Gloss - 45 gm/l All Weather Roof - 43 gm/l Solagard Roof - 52 gm/l
Stains & varnishes	100	Forestwood Water Based Decking Stain - <100gm/l
Sealers & Primers		
Clear Sealer (timber)	100	
Clear Sealer (Concrete)	100	
Exterior timber primer	60	UnderProof Acrylic Primer Undercoat - 41 gm/l
Interior sealer	60	Interior Design id Acrylic Sealer Undercoat <1gm/l EcoProof Primer Undercoat <1gm/l
Latex primer (for galvanised iron & zinalume)	50	All Weather Roof Acrylic Galvanised Iron Primer - <50 gm/l
Undercoats		
Exterior latex	60	UnderProof Acrylic Primer Undercoat - 41 gm/l
Interior latex	60	UnderProof Undercoat & Wallboard Sealer - 43 gm/l Tradex EasySand Sealer Undercoat - < 5 gm/l
Performance Coatings		
One and two pack performance coatings for floors* (*EU Directive)	140	Aquafloor Water Based Epoxy - <5gm/l Solpah Acrylic Paving Paint - 29 gm/l
Intumescent Paints	100	-
Other		
Applied coatings not defined as paints varnish or stain and not able to be assigned to a category notified above.	60	-

Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02a	
Validity	Created on 10/08/2011– Valid only for the following Green Star NZ tools: <ul style="list-style-type: none"> - Office V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 	
Client	Wattyl NZ	
Product name	Wattyl Interior Design i.d® - ECNZ certified items including:	Green Star NZ classification
	<ul style="list-style-type: none"> • Silk (VOC <1 gm/l) • Eggshell (VOC <1 gm/l) • Ceiling - White (VOC <1 gm/l) • Primer Sealer Undercoat (VOC <1 gm/l) 	Low sheen (interior) Flat (interior) – washable Flat (interior) – ceiling Interior sealer
Product description	<p>Wattyl Interior Design i.d® offers a range of Environmental Choice NZ approved products, including Silk, Eggshell, Ceiling white, and Acrylic Sealer Undercoat. VOC content is rated < 1g/L. Low VOC tinters are also available to ensure healthy indoor environments are maintained at all stages. The product has also received “Sensitive Choice” approval.</p> 	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○

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Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Wattyl Interior Design i.d® products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Wattyl Interior Design i.d® products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Interior Design i.d® products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02g	
Validity	<p>Created on 10/08/2011– Valid only for the following Green Star NZ tools:</p> <ul style="list-style-type: none"> - Office design and Built V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 <p>As well as the following tools:</p> <ul style="list-style-type: none"> - Homestar version 1.0 	
Client	Wattyl NZ (Taubmans)	
Product name	Taubmans EcoProof, ECNZ certified items including:	Green Star NZ Classification
	<ul style="list-style-type: none"> • EcoProof Silk (VOC <1 gm/l) • Eggshell (VOC <1 gm/l) • EcoProof Ceiling - White (VOC <1 gm/l) • EcoProof Primer Sealer Undercoat (VOC <1 gm/l) 	Low sheen (interior) Flat (interior) – washable Flat (interior) – ceiling Interior sealer
Product description	<p>Taubmans EcoProof offers a range of Environmental Choice NZ approved products, with very low VOC levels. These low odour paints allow for fast re-occupancy of the room.</p> 	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○

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Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans EcoProof products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans EcoProof products are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans EcoProof products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans EcoProof products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

Author	EnviroSpec Verification Services
Document type	Green Star NZ compatibility analysis
Document code	ES-GSNZ-10-02d
Validity	Created on 13/07/2011– Valid only for the following Green Star NZ tools: <ul style="list-style-type: none"> - Office V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009
Client	Wattyl NZ
Product Name	Aqua Wall & Trim (Gloss)
Green Star NZ classification	Gloss White Semi Gloss White Eggshell White
Product description	<p>Wattyl Aqua Wall and Trim (Gloss) is a low odour, water based enamel with 'aqua-tough' technology suitable for interior/exterior surfaces including skirting boards, architraves, doors, window sills and general woodwork. This product is ECNZ certified and has VOC content of 41g/L.</p> 

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○

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Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design and Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the requirement for <i>Paints</i> under this credit.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
Office 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the low VOC requirement for <i>Finishes</i> .
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
Industrial 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the low VOC requirement for <i>Finishes</i> .
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
Education 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the low VOC requirement for <i>Finishes</i> .
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	2	✓	0.83 (calculator product score)	Being ECNZ certified, the nominated Wattyl paints allow the user to select "Approved Ecolabel" under the <i>Environmentally preferred finishes</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the low VOC requirement for <i>Finishes</i> .
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	2.5 (calculator product score)	Being ECNZ certified, the nominated Wattyl paints allow the user to select "Approved Ecolabel" under the <i>Environmentally preferred finishes</i> section of the Walls and Partitions calculator.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ category weightings for each tool still apply.


Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02e	
Validity	<p>Created on 10/08/2011– Valid only for the following Green Star NZ tools:</p> <ul style="list-style-type: none"> - Office design and Built V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 <p>As well as the following tools:</p> <ul style="list-style-type: none"> - Homestar version 1.0 	
Client	Wattyl NZ (Taubmans)	
Product name	Green Star NZ Classification	
<p>Taubmans Ultraproof Acrylic Enamel - ECNZ certified items, including:</p> <ul style="list-style-type: none"> • UltraProof Gloss Acrylic Enamel - White (VOC 45 gm/l) • UltraProof Satin Acrylic Enamel - White (VOC 46 gm/l) • UltraProof Semi Gloss Acrylic Enamel - White (VOC 45 gm/l) • UltraProof Eggshell Acrylic Enamel - White (VOC <45gm/l) 	<p>Gloss (exterior) Low sheen (interior + exterior) Semi gloss (interior + exterior) Flat (interior washable)</p>	
Product description	<p>Taubmans UltraProof Acrylic Enamel is an advanced formulation acrylic with enamel like characteristics for interior and exterior use. The above nominated products are Environmental Choice NZ certified and comply with the Green Star NZ and Homestar low VOC requirements.</p> 	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○

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Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans Ultraproof Acrylic Enamel products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Watty paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans Ultraproof Acrylic Enamel products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans Ultraproof Acrylic Enamel products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02f	
Validity	<p>Created on 10/08/2011– Valid only for the following Green Star NZ tools:</p> <ul style="list-style-type: none"> - Office design and Built V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 <p>As well as the following tools:</p> <ul style="list-style-type: none"> - Homestar version 1.0 	
Client	Wattyl NZ (Taubmans)	
Product name	Taubmans LivingProof Silk - White (VOC 53 gm/l)	Green Star NZ Classification
		Low sheen (interior)
Product description	<p>Taubmans LivingProof Silk is a hard wearing, water based modified acrylic. It has excellent coverage with minimal roller splatter and dries quickly to a smooth even finish. It is Suited to high traffic corridors and foyers and walls in bedrooms, living rooms, kids rooms. LivingProof Silk – White is ECNZ certified.</p>	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○

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The information presented in this report is valid for the Green Star® NZ tools nominated herein only. As and when the NZGBC brings out new Green Star® NZ tools, the information may require updating. EnviroSpec will only update information in this report upon receiving written consent from the Manufacturer, Supplier or upon request from the NZGBC. It is the responsibility of the reader to check for regular updates.

Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans LivingProof Silk products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans LivingProof Silk products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans LivingProof Silk products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02b	
Validity	Created on 22/09/2010– Valid only for the following Green Star NZ tools: <ul style="list-style-type: none"> - Office V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 	
Client	Wattyl NZ (Taubmans)	
Product name	Green Star NZ classification	
Taubmans UnderProof Acrylic Primer Undercoat (VOC = 41g/L)	<ul style="list-style-type: none"> - Interior Latex Undercoat - Exterior Timber Primer 	
Taubmans UnderProof Undercoat & Wallboard Sealer (VOC = 43g/L)	<ul style="list-style-type: none"> - Interior Latex Undercoat 	
Product description	<p>The nominated Taubmans UnderProof products meet the demands of the professional in ease of application and product performance. The product(s) meet the VOC requirements set in Green Star NZ.</p> 	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○


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The information presented in this report is valid for the Green Star® NZ tools nominated herein only. As and when the NZGBC brings out new Green Star® NZ tools, the information may require updating. EnviroSpec will only update information in this report upon receiving written consent from the Manufacturer, Supplier or upon request from the NZGBC. It is the responsibility of the reader to check for regular updates.

Author	EnviroSpec Verification Services	
Document type	Green Star NZ compatibility analysis	
Document code	ES-GSNZ-10-02d	
Validity	<p>Created on 16/08/2011– Valid only for the following Green Star NZ tools:</p> <ul style="list-style-type: none"> - Office design and Built V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 <p>As well as the following tools:</p> <ul style="list-style-type: none"> - Homestar version 1.0 	
Client	Wattyl NZ	
Product name	Green Star NZ classification	
Gloss White (41 gm/l) Semi Gloss White (37 gm/l) Low Sheen White (41 gm/l)	<ul style="list-style-type: none"> - Gloss (exterior) - Semi gloss (exterior) - Low sheen (exterior) 	
Product description	<p>Wattyl Solagard® is a tough and durable exterior paint which which helps protect the building in any weather or climate. The product is ECNZ certified and complies with the low VOC requirements for its respective product categories.</p> 	

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator) 	○


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Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Wattyl Solaguard products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Wattyl/Taubmans paints include products with high LVR. Refer to Wattyl's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Wattyl paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Wattyl Solaguard products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Wattyl Solaguard products are Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design and Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Taubmans UnderProof products meet the requirement for their associated <i>Paints</i> classification under this credit.
Office 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes, or the avoidance of these products in the first place. The nominated Taubmans UnderProof products meet the requirement for their associated <i>Applied Coatings</i> classification under this credit.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@watty.co.nz
Industrial 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes, or the avoidance of these products in the first place. The nominated Taubmans UnderProof products meet the requirement for their associated <i>Applied Coatings</i> classification under this credit.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@watty.co.nz
Education 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes, or the avoidance of these products in the first place. The nominated Taubmans UnderProof products meet the requirement for their associated <i>Applied Coatings</i> classification under this credit.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@watty.co.nz
Office Interiors 2009	IEQ-3	5 (1 point for finishes)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes, or the avoidance of these products in the first place. The nominated Taubmans UnderProof products meet the requirement for their associated <i>Applied Coatings</i> classification under this credit.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@watty.co.nz

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ category weightings for each tool still apply.

Author	EnviroSpec Verification Services
Document type	Green Star NZ compatibility analysis
Document code	ES-GSNZ-10-02h
Validity	<p>Created on 09/08/2011– Valid only for the following Green Star NZ tools:</p> <ul style="list-style-type: none"> - Office design and Built V.1 - Office 2009 - Interiors 2009 - Education 2009 - Industrial 2009 <p>As well as the following tools:</p> <ul style="list-style-type: none"> - Homestar version 1.0
Client	Wattyl NZ (Taubmans)
Product name	Taubmans All Weather Roof Acrylic Galvanised Iron Primer
Product description	<p>Taubmans All Weather Roof Acrylic Galvanised Iron Primer is a water based, anti corrosive primer that provides superior adhesion to bare galvanised iron and other zinc surfaces. Taubmans All Weather Roof Acrylic Galvanised Iron Primer provides superior adhesion for water and oil based top coats. The product is ECNZ certified and has a VOC content <50gm/L</p> 

Manner in which the product may contribute towards points in Green Star NZ	Legend of Symbols in EnviroSpec
<ul style="list-style-type: none"> • Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc) 	✓
<ul style="list-style-type: none"> • Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ requirements (e.g. bicycle racks) 	●
<ul style="list-style-type: none"> • Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This 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

Green Star® is a registered trade mark of the Green Building Council of Australia (GBCA), used under licence in New Zealand by the New Zealand Green Building Council (NZGBC). Homestar™ is a Joint Venture partnership between BRANZ and the New Zealand Green Building Council. The information represented on EnviroSpec is not endorsed by the GBCA or the NZGBC. For detailed technical information about credit requirements refer to the Green Star® Technical Manuals. Rating Tools and Technical Manuals are subject to change by the NZGBC, and any decision regarding the award of credits towards a Green Star® rating in New Zealand is at the sole discretion of the NZGBC.

EnviroSpec does not accept liability for any loss or damages resulting from the use of this document and emphasizes that this document is provided as guidance only. Use of, or reliance upon, any information contained in this report is at the user's own risk.

The information presented in this report is valid for the Green Star® NZ tools nominated herein only. As and when the NZGBC brings out new Green Star® NZ tools, the information may require updating. EnviroSpec will only update information in this report upon receiving written consent from the Manufacturer, Supplier or upon request from the NZGBC. It is the responsibility of the reader to check for regular updates.



Taubmans All Weather Roof Acrylic Galvanised Iron Primer

- Green Star NZ / Homestar Summary Sheet -



Green Star NZ tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Office Design & Built V.1	IEQ-13	3 (1 point for paints)	✓	1 (out of 1)	This credit rewards the use of low VOC paints, carpets and adhesives or the avoidance of these products in the first place. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the low VOC requirements for paints.
	MAT-10	1	✓	1	This credit rewards the use of Environmental Choice NZ certified paints. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the requirements for this credit.
Office 2009 + Industrial 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the requirements for this credit.
Education 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly <i>Applied coatings</i> as verified by a materials certification body recognized by the NZGBC. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-B	2	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Office Interiors 2009	IEQ-3	5 (1 point for applied coatings)	✓	1 (out of 1)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.
	IEQ-11	3	○	Contributing factor	This credit rewards good lighting design, taking into account illuminance and reflectance values. Watty/Taubmans paints include products with high LVR. Refer to Watty's hard print Colour Collateral for further detail by contacting custserv@wattyl.co.nz
	MAT-3	1	✓	1	This credit rewards the use of Environmentally friendly finishes as verified by a materials certification body recognized by the NZGBC. The nominated Watty paints are Environmental Choice NZ certified, thus satisfying the credit requirements.
	MAT-B	6	✓	Finishes approved ecolabel "YES"	Being Environmental Choice NZ certified, the nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer products allow the user to select "Approved Ecolabel" under the <i>Finishes Certifications</i> section of the Walls and Partitions calculator.
Homestar V 1.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the use selection of eco-preferred and responsibly sourced materials. Finishes (paints) are one of thirteen possible construction types eligible for 1 merit each. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the requirements for this credit.
	MAT-2	3 (0.75 points for applied coatings)	✓	0.75 (out of 0.75)	This credit rewards the use of low VOC and low formaldehyde interior products and finishes. The nominated Taubmans All Weather Roof Acrylic Galvanised Iron Primer is Environmental Choice NZ certified and satisfy the low VOC requirements for applied coatings.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ / Homestar category weightings for each tool still apply.

EnviroSpec widens its services to include Homestar



EnviroSpec is now able to supply **certified Homestar Practitioner services**.

The role of the Homestar™ Practitioner is to provide professional advice to homeowners and tenants when they are making decisions about home design as well as to support homeowners and tenants in understanding how the Homestar™ rating tool works and its purpose. If you are planning a major renovation or building a new home, a Homestar Practitioner can provide you with professional advice about incorporating good environmental design and help you get the appropriate Homestar rating using the certified assessment tool as opposed to the more simplistic online web-version of the tool.

EnviroSpec will also be working with **Product Suppliers to highlight compliant products** and notify them on the website and the search engines. Early work has already begun with a couple of product suppliers such as [Polyflor](#) and [Wattyl Paints](#) (click on name to view products)



EnviroSpec officially approved as a member of the Product and Materials Advisory Group and the Green Star NZ Interiors tool review group.

The role of the PMAG will be to provide ongoing high-level guidance regarding the strategic approach to products and materials within the NZGBC's building rating tools. Through its participation EnviroSpec will help:

- Bring forward expertise and knowledge of Product Certification Programmes and the Building Industry Supply Chain.
- Provide feedback and help develop new standards that demonstrate best practice in the industry.
- Assist with materials related questions to ensure a smooth submission process.

EnviroSpec will also participate in the NZGBC tool review process, which the NZGBC launched recently to ensure continuous improvement. Tool review will be a targeted exercise. While each Credit won't be reviewed, the NZGBC will focus on areas that can help reduce the overall documentation requirements of Green Star NZ, tackle problematic credits and provide a more streamlined process.

New Ecolabel recognized through the Green Building Council of Australia's assessment framework.

The Institute for Market Transformation to Sustainability (MTS) Sustainable Materials Rating Technology version 4.0 (SMaRT 4.0) was recently approved by the GBCA and included in the list of ecolabels that can contribute towards points in Green Star. This is now also recognized in NZ. MTS is one of five certification schemes to be recognised under the framework. Based in Washington, USA, MTS is also the first non-Australian scheme to achieve full recognition under the GBCA's framework. MTS' SMaRT Standard is also recognised by the US and Canada Green Building Councils. More information on SMaRT can be found here [here](#).



Latest products added to the website.

Click on the logos below to be taken straight to the product page.

