



# Conqueror NZ Ltd Cool Room Panel (50, 75, 100, 125, 150, 200 mm)

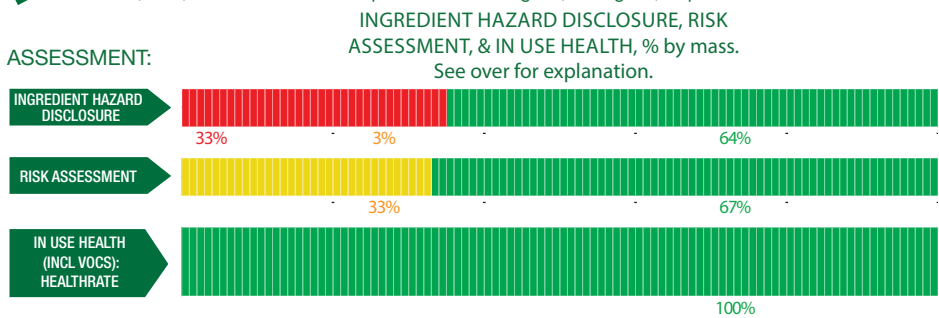
Conqueror Panel is manufactured by sandwiching PIR foam between two layers of pre-painted roll formed steel and forming a tongue & groove edge on either side of the panel to achieve a thermal joint. Manufactured to BS EN 14509 standards. The panels are custom cut to the client's desired length.



<b>Products/Ranges:</b>	<b>Cool Room Panel</b>
<b>Product Stages Assessed:</b>	<b>Whole of life</b>
<b>CSI Masterformat:</b>	<b>07 20 00</b>
<b>Licensed Site/s:</b>	<b>Yaldhurst Christchurch, New Zealand</b>
<b>Licence Number:</b>	<b>CNZ:CN01:2021:PH</b>
<b>Licence Date:</b>	<b>03/09/2021</b>
<b>Valid To:</b>	<b>03/09/2023</b>
<b>Standard:</b>	<b>GGT International v4.0</b>
<b>Screening Date:</b>	<b>27/09/2022</b>
<b>PHD URL:</b>	<b><a href="https://www.globalgreentag.com/getfile/12708/phd.pdf">https://www.globalgreentag.com/getfile/12708/phd.pdf</a></b>

<b>PHD Summary</b>	<b>Inventory Threshold:</b>	<b>Inventory Method:</b>
Percentage Assessed: <b>100%</b>	<b>100ppm Product Level</b>	<b>Nested Materials</b>

- GreenTag Banned List Compliant and Product Meets Optimisation requirements - No Grey or Red Light category ingredient
- Meets GreenStar® New Zealand 'Design and As Built v1' and 'Interiors v1' Rating Tools Credits: Credit 21 Sustainable Products (Greenrate Certificate Available).
- Meets GreenStar® New Zealand 'Education, Office and Industrial v3' and 'Office Interior v3 (Legacy Tool): MAT-3 Sustainable Material (Greenrate Certificate Available).
- Meets New Zealand Homestar® v4.0 Rating Tool: MAT-1 Sustainable Material (Greenrate Certificate Available).
- Meets IWBI® WELL™ v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 11 (Part 1); and, meets IWBI® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X01 (Part 1); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit, MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- No worker, user, and environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.



Declared by:  
Global GreenTag  
International Pty Ltd

**David Baggs**  
CEO & Program Director  
Verified compliant with:  
ISO 14024 & ISO 17065

## 1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risk associated with any certified products and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for each homogeneous ingredient throughout the product life cycle, (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- substances used or created during the manufacturing process unless they remain in the final product; or
- substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH GoldHEALTH or PlatinumHEALTH) rating relates ONLY to GGT Standard Sustainability Assessment Criteria 3, and is declared separately to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels.

## 1.2 Preparing a PHD

GGT PHDs are prepared using Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and as an outcome of a successful Application for Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the GGT International Standard v4.0, Personal Products Standard v1.0, and Cleaning Products Standard v1.0 and above Program Rules.

## 1.3 External Peer Review

Every GGT PHD is independently peer reviewed by an external Consultant Toxicologist and Member of the Australian College of Toxicology & Risk Assessment.

## 2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients such as LEED v4.0, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	<b>Ideal- Low</b> No concerns- Ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context.
Yellow	<b>Medium to Low</b> Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context.
Orange	<b>Moderate</b> Hazardous Ingredient with "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context.
Red	<b>Problematic (Red): Target for Phase</b> Hazardous Ingredient with "Red Light" Concern depending on % of the ingredient, hazard level, and relevance to use context.
Grey	<b>Uncategorised</b> Not able to be categorised due to lack of toxicity impact information.
Black	<b>Banned Ingredients</b> POPs, SVHCs plus a wide range of compounds depending on specific Standard requirements.

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Polyol							
Triethyl phosphate	78-40-0	0-1%	H302, H319				<p>The substance can cause eye irritation. The manufacture have OHS in place.</p> <p>In use, the substance pose no risk of exposure to end user. The substance is cured and embedded inside the poly urethane foam. The polyurethane foam is fully covered with galvanized steel, the chance of it being released under normal condition is non existent.</p> <p>Recycled Content: None Nanomaterials: unknown</p>

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Polyether polyol	25084-89-3	0-1%	H317, H319, H412				<p>The substance can cause eye and skin irritation. The manufacture have OHS in place.</p> <p>The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel, the chance of it being released under normal condition is non existent.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
TCP	13674-84-5	0-1%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Diethylene glycol	111-46-6	0-1%	H302				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Lactic acid	50-21-5	0-1%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Potassium 2-ethylhexanoate	3164-85-0	0-1%	H315, H361, H318				<p>The substance can cause eye and skin irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel, the chance of it being released under normal condition is non existent. Manufacture have OHS in place.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Aromatic Polyester Polyol	9016-88-0	1-10%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Catalyst							
Polyether polyol	25791-96-2	0-1%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
1,3,5-Tris[3-(dimethylamino)propyl]hexahydro-1,3,5-triazine	15875-13-5	0-1%	H318, H312, H315				<p>The substance can cause eye and skin irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Triethyl phosphate	78-40-0	0-0.1%	H302, H319				<p>The substance can cause eye irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>

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Potassium 2-ethylhexanoate	3164-85-0	0-0.1%	H315, H361, H318				<p>The substance can cause eye and skin irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Diethylene glycol	111-46-6	1-0.1%	H302				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Additive							
Polyether polyol	25084-89-3	0-0.1%	H317, H319, H412				<p>The substance can cause eye and skin irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Triethyl phosphate	78-40-0	0-0.1%	H302, H319				<p>The substance can cause eye irritation. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Propane-1,2-diol, propoxylated	25322-69-4	0-0.1%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Water	7732-18-5	0-0.1%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Blowing agent							
N Pentane	109-66-0	0-1%	H304, H411, H225, H336				<p>The unreacted substance is toxic to aquatic life. The manufacture have a waste treatment and Environmental Management System in place.</p> <p>In use, substance pose no risk of exposure to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
C-Pentane	287-92-3	0-0.1%	H412, H225				<p>The unreacted substance is toxic to aquatic life. The manufacture have a waste treatment and Environmental Management System in place.</p> <p>In use, substance pose no risk of exposure to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
I-Pentane	78-78-4	<0.01%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Pre-Polymer							
Diphenylmethane diisocyanate, polymeric	9016-87-9	15-25%	IARC 3, H319, H332, H315, H334, H335, H351, H373, H317				<p>The substance can cause eye, respiratory and skin irritation. The substance is not classifiable as carcinogenic to human. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
4,4'-methylenedi-phenyl diisocyanate	101-68-8	10-15%	IARC 3, H319, H332, H315, H334, H335, H351, H373, H317				<p>The substance can cause eye, respiratory and skin irritation. The substance is not classifiable as carcinogenic to human. The manufacture have OHS in place.</p> <p>In use, substance pose no risk of exposure to end user. The substance is cured and embedded inside the polyurethane foam. The polyurethane foam is fully covered with galvanized steel.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
2,4'-methylenedi-phenyl diisocyanate	5873-54-1	1-5%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Steel							
Steel	Steel	50-70%	None				<p>There is no identifiable risk to end user.</p> <p>Recycled Content: None Nanomaterials: unknown</p>

**GHS Classification reference:**

H302: Acute Tox. 4	H332: Skin Irrit. 2
H304: Asp Tox. 1	H334: STOT SE. 3
H312: Acute Tox. 4	H351: Carc. 2
H315: Skin Irrit. 2	H361: Repr. 2
H317: Skin Sens. 1	H373: STOT RE. 2
H318: Eye Dam. 1	H411: Aquatic Chronic 2
H319: Eye Irrit. 2	H412: Aquatic Chronic 3

**Comments:**

NO VOC TEST COMPLETED