

PHD™

Product Health Declaration

Stonewall Platinum Pty Ltd

ASPECT VIVID®

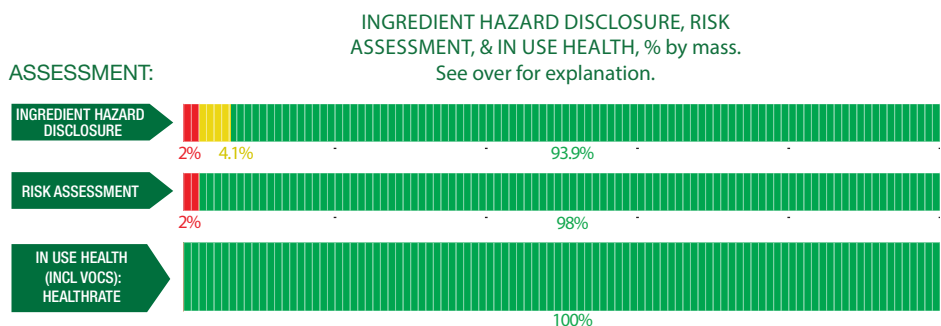
ASPECT VIVID® is an architecturally designed pre-finished panel system designed for protected external areas such as ceilings and soffits. It delivers insulation with acoustic, thermal and non-combustible properties that lowers harmful noise, the risk of fire and spread of flame, along with the risk of mould growth that deteriorates air hygiene. Aspect Vivid does not absorb moisture or reacts to temperature change. It will not expand, contract or distort the panel. Thermal insulation is contained and held for the life of the panel. ASPECT VIVID® is super lightweight and easily installed using adhesive and mechanical fixings to a concrete substrate or top hat sections to achieve a ceiling tile effect.

Products/Ranges:	ASPECT VIVID®
Product Stages Assessed:	Material inputs, Manufacturing, in-use
Product Type:	Insulation product
CSI Masterformat:	TBC
Licensed Site/s:	PRC
Licence Number:	STP:AV01:2022:PH
Licence Date:	28th September 2022
Valid To:	28th September 2023
Standard:	GGT International v4.0
Screening Date:	19th September 2022
PHD URL:	https://www.globalgreentag.com/getfile/13125/phd.pdf



PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Product Meets Optimisation requirements ~ No Grey or Red Light category ingredients.
- Meets Green Star® 'Buildings v1.0' ~ Credit 9: Responsible Finishes (Good Practice Products - HealthRate Platinum)
- 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); Feature 04 (Part 4), 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); X06 (Part 2); 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 final product 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:

- i. substances used or created during the manufacturing process unless they remain in the final product; or
- ii. 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 an 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 v1.1 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 & v4.1, WELL v1 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	Ideal- Low No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context'
Yellow	Medium to Low Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context'
Orange	Moderate Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context'
Red	Problematic (Red): Target for Phase Hazardous ingredient with 'Red Light" or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context'
Dark Red	Very Problematic (Dark Red): Target for Phase Very Hazardous ingredient with 'Red Light Exclusion" concern depending on % of the ingredient, hazard level, and relevance to use context'
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards.




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	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
Mineral Rockwool (Bio-soluble)	Insulation product	>90%	None	OK				Stonewall Platinum's Mineral Rockwool is bio-soluble. International authorities and Safe Work Australia do not classify mineral wool fibres with biosolubility as carcinogenic. Recycled Content: None Nanomaterials: No
Glass Fibre (Bio-soluble)	65997-17-3	1-5%	H351(Carc 2)	OK				This substance is suspected of causing cancer only when inhaled as a dust/fibre. However, the substance is formulated to be bio-soluble and is chemically bound into the product in combination with other ingredients. Manufacturer has certified EMS in place. Normal OH&S precautions should be taken during installation. Due to in-wall/roof/floor installation, no in-use health effects exist. Recycled Content: None Nanomaterials: No
Calcium Carbonate	471-34-1	1-5%	H315 (Skin Irrit 2) H318 (Eye Dam. 1) H335 (STOT RE 3)	OK				During manufacturing, this substance may irritate skin, eye and respiratory systems. However, the manufacturer has Occupational Health and Safety system, therefore the risk is considered low. Once bound into the final product, this substance is not expected to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Resin	201058-08-4	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Talc	14807-96-6	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Sodium Carbonate	497-19-8	<0.1%	H319(Eye Irrit. 2)	OK				This substance causes serious eye irritation. However, Once bound into the final product, this substance is not expected to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Potassium Carbonate	584-08-7	<0.1%	H319(Eye Irrit. 2) H315 (Skin Irrit 2) H335 (STOT RE 3)	OK				This substance is harmful if swallowed. However, the manufacturer has Occupational Health and Safety system, therefore the risk is considered low. Once bound into the final product, this substance is not expected to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Trioxotriphosphorinane	68957-94-8	<0.1%	H314(Skin Corr. 1B)	OK				This substance causes severe skin burns and eye damage. However, the manufacturer has Occupational Health and Safety system, therefore the risk is considered low. Once reacted in the final product, this substance is not expected to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Silica acid aluminium	12141-46-7	<0.1%	H318(Eye Dam. 1)	OK				This substance causes serious eye damage. However, the manufacturer has Occupational Health and Safety system, therefore the risk is considered low. Once bound into the final product, this substance is not expected to cause harm to the end-user. Recycled Content: None Nanomaterials: No
Water	7732-18-5	<1%	None	OK				Recycled Content: None Nanomaterials: No
Polyacrylate-2	31759-42-9	<1%	None	OK				Recycled Content: None Nanomaterials: No
Fatty alcohol polyoxyethylene ether	52292-17-8	<0.1%	None	OK				Recycled Content: None Nanomaterials: No

Polystyrene	9003-53-6	<0.1%	H226(Flam. Liq. 3) H315 (Skin Irrit 2) H319(Eye Irrit. 2) H332(Acute Tox. 4) H335 (STOT RE 3)	OK				<p>This substance causes serious eye irritation, is a flammable liquid and vapour, is harmful if inhaled and causes skin irritation. However, the manufacturer has Occupational Health and Safety system, therefore the risk is considered low. Once reacted in the final product, this substance is not expected to cause harm to the end-user.</p> <p>Recycled Content: None Nanomaterials: No</p>
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Comments:

VOC emissions: TVOC emission rate is 0.019mg/m2/hr (within the benchmark limit less than 0.5mg/m2/hr) use test method ASTM D5116-17 "Standard Guide for Small-Scale" Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products". Tested by FORAY Laboratories (NATA Accreditation 1231) in July 2020.

Formaldehyde emissions: formaldehyde emission rate is less than 0.031mg/m2/hr (within the benchmark limit less than 0.1mg/m2/hr) use test method ASTM D5116-17. Tested by FORAY Laboratories (NATA Accreditation 1231) in July 2020.