

GREEN TAG[®] LCA Rate GOLD



Sustainability Assessment Category – AVERAGE SCORES



David Baggs
Chief Executive Officer
Global GreenTag[®] Program Director



Conditions of Licence

The conditions of licence are contained in full in the Ecospecifier Global GreenTag Standard, Terms and Conditions, and Rules for the Use of the Mark Documents as sighted and/or executed by the Licensee.

green product certification trust brands

In summary it is the responsibility of the licensee in particular to:

1. always comply with the relevant provisions of the GreenTag certification program;
2. make all necessary arrangements for the conduct of the future evaluation, including provision for examining documentation and access to all areas, records (including internal audit reports) and personnel for the purposes of evaluation (e.g. testing, inspection, assessment surveillance, reassessment) and resolution of complaints;
3. make claims regarding certification only in respect of the scope for which certification has been granted;
4. not use its product certification in such a manner as to bring the GreenTag into disrepute and not make any statement regarding its product certification which the certification body may consider misleading or unauthorized;
5. upon suspension or cancellation of certification, discontinue its use of all advertising matter that contains any reference thereto and returns any certification documents as required by GreenTag;
6. use certification only to indicate that products are certified as being in conformity with specified GreenTag standards;
7. endeavour to ensure that no certificate or report nor any part thereof is used in a misleading manner;
8. make comment or inclusions solely in accordance with license requirements in making reference to its product certification in communication media such as online, emails, documents, brochures or advertising;
9. Inform GreenTag of any change in the Certified product or manufacturing process that is likely to significantly affect the product's design or specification, or changes in the ownership, structure or management of the Licensee, if relevant, or any other information that indicates the product may no longer comply with the requirements of this Standard;
10. In the event of GreenTag determining changes have been made to product or supplier details and not notified to GreenTag, the Licensee will, on receipt of a GreenTag 'Notice to Rectify', immediately provide GreenTag with the required details and any fees necessary to allow recertification. Failure to do so may result in the withdrawal of the Licence. If the product Licence is withdrawn, the Licensee must, within 7 days, cease to further promulgate all product marketing, packaging, advertising or other material carrying the logo. Furthermore all material carrying the Certification Mark/s must be withdrawn within 90 days.

Revision date	Certificate number	Notes

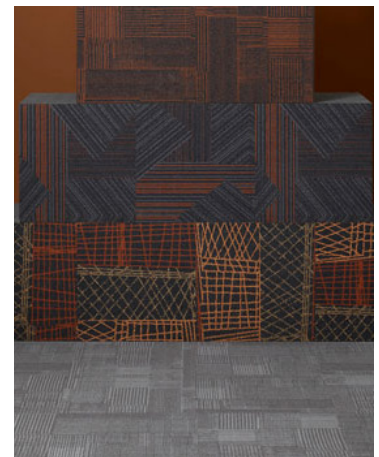


Belgotex

SDX Tufted Bitumen Backed Carpet Tile

SDX Tufted Bitumen Backed Carpet Tile is a solution dyed Nylon Tufted Commercial Carpet Tile that is available in an array of colors and design.

Products/Ranges:	SDX Tufted Bitumen Backed Carpet Tile
Product Stages Assessed:	Manufacturing and in-use
CSI Masterformat:	096813
Licenced Site/s:	Pietermaritzburg, South Africa
Licence Number:	BEL:BE01:2019:PH
Licence Date:	28th August 2019
Valid To:	28th August 2022
Standard:	GGT International v4.0
Screening Date:	16th August 2021
PHD URL:	https://www.globalgreentag.co.za/products/sdx-tufted-bitumen-backed-carpet/



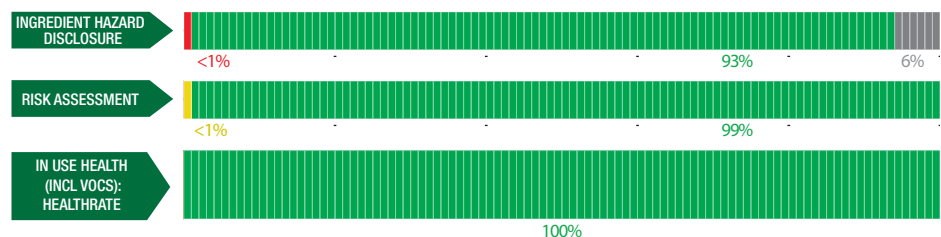
This PHD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. [Note disclaimer over.](#)

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

- GreenTag Banned List Compliant
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: "Building Product Disclosure and Optimisation - Material Ingredients" - Option 1: Material Ingredient Reporting and Option 2 - International ACP - REACH Optimisation.
- Meets WELL™ Building Standard: Feature 04 VOC Reduction Part 3: Flooring, X10 Volatile Compound Reduction
- Meets WELL™ Building Standard: Feature 11 Fundamental Material Safety Part 1c and 5b
- Meets WELL™ Building Standard: Feature 25: Toxic Material Reduction
- Meets WELL™ Building Standard: Feature 26 Part 1: Precautionary Material Selection, X13 Enhanced Material Precaution 1
- Meets WELL™ Building Standard: Feature 97: Material Transparency, Feature X14: Material Transparency Part 1
- No worker and user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- No environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.

ASSESSMENT:



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 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 v1.0 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	Ideal- Low No Comment required
Yellow	Medium to Low No Comment, or 'Issue of Concern' required depending on % of ingredient.
Orange	Moderate 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Limit 10%
Red	Problematic (Red): Target for Phase 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Strict Upper Limit of 1%
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients 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 (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: Textile							
Nylon	25038-54-04	10-15%	IARC 3, Skin Irrit. 2, Eye Irrit. 2				The hazard of Skin Irrit. 2 and Eye Irrit. 2 relate to the polymer monomer, which is usually converted in the polymerisation process. It is possible that extremely small quantities of un-reacted monomer may remain but as a Level 3 Hazard, users are unlikely to be exposed to even minor risk. Recycled Content: Pre-consumer Nanomaterials: Yes
Declaration	Additive	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Declaration	Finish	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Primary Backing							

Polyethylene terephthalate (PET)	25038-59-9	0-5%	None				Recycled Content: None Nanomaterials: Yes
Nylon 6 (PA6)	25038-54-4	0-5%	IARC 3, Skin Irrit. 2, Eye Irrit. 2				The occupants are only exposed to the face yarn layer. Nylon 6 in the primary backing is not directly in contact with the occupants. Therefore it is not expected to be harmful to the end users. Recycled Content: None Nanomaterials: Yes
Declaration	Lubricant	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Secondary Backing							
Polypropylene	9003-07-0	0-5%	IARC 3				Recycled Content: None Nanomaterials: Yes
PET	25038-59-9	0-1%	Aquatic chronic 4, Acute Tox 4, Eye Irrit 2				The hazard of Acute Tox 4, and Eye Irrit. 2 relate to the polymer monomer, which is usually converted in the polymerisation process. It is possible that extremely small quantities of unreacted monomer may remain but as a Level 3 Hazard, users are unlikely to be exposed to even minor risk. Manufacture is ISO9001, ISO14001 and ISO45001 Certified. Recycled Content: None Nanomaterials: Yes
Declaration	Additive	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Precoat							
Declaration	Thickener	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Emulsion Styrene/butadiene	9003-55-8	0-5%	IARC3				The occupants can be exposed to the VOC emissions from the emulsion styrene-butadiene rubber. The final product has passed the low VOC test. Hence, it is not expected to be harmful to the end users based on current scientific evidence. Recycled Content: None Nanomaterials: Yes
Declaration	Solvent	0-5%	IARC3				Recycled Content: Unknown Nanomaterials: Unknown
Water	7732-18-5	0-5%	None				Recycled Content: None Nanomaterials: None
Calcium Carbonate	471-34-1	10-15%	None				Recycled Content: None Nanomaterials: None
Magnesium Carbonate	546-93-0	0-5%	None				Recycled Content: None Nanomaterials: None
Declaration	Filler	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Declaration	Dispersion	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Sulfuric acid, mono-C10-16-alkylesters, sodium salts	68585-47-7	0-1%	Acute Tox. 4, Skin Irrit. 2, eye Dam. 1				Sulfuric acid, mono-C10-16-alkylesters, sodium salts can be harmful when it directly contacts to skin and eyes, and it is harmful when it is swallowed. However, the ingredient is embedded in the product during the manufacturing process. The hazards will not be presented in the final product. Therefore it is not expected to be harmful to the end user. Recycled Content: None Nanomaterials: None
Declaration	Solution	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Bitumen							
Styrene-butadiene copolymer	9003-55-8	0-5%	IARC 3				Recycled Content: None Nanomaterials: None
Declaration	Additive	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown

Complex combination of hydrocarbons obtained from Fisher-Tropsch synthesis	8002-74-2	0-5%	None				Recycled Content: None Nanomaterials: Unknown
Declaration	Additive	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Asphalt	8052-42-4	10-20%	None				Recycled Content: None Nanomaterials: Unknown
Declaration	Solution	0-5%	None				Recycled Content: Unknown Nanomaterials: Unknown

Comments:

VOC emissions: Global GreenTag International Program Standard v4.0 Formaldehyde Content Supplementary Standard in accordance with requirements of the Green Building Council of Australia and LEED v4, as updated from time to time.

VOC content: TVOC mg/m2/hr for product applied on site is <0.5 mg/m2/hr measured using Test method ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products". Sample tested in November 2016 at FORAY Laboratories - ISO 17025 Accredited. Test approved by CETEC.