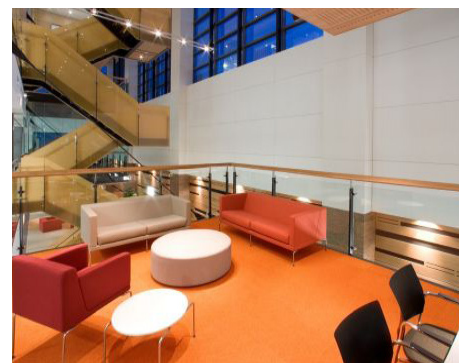




Weseler Teppich GmbH & Co. KG tretford Cord Carpet Roll

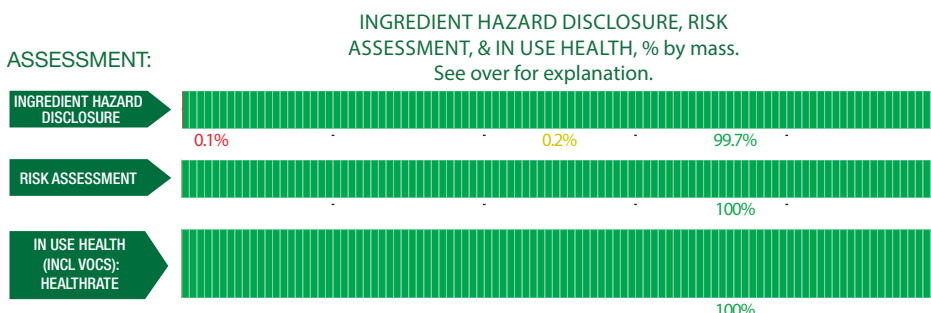
Waterford's tretford® Cord Carpet Roll is a durable 2 metre wide roll carpet manufactured in Ireland. The product's face fibre comprises of 80% goat hair and is bonded to a 100% undyed, jute backing. This hard wearing product is suitable for all work spaces and residential environments and is easy to lay and versatile.

Products/Ranges:	tretford Cord Carpet Roll
Product Stages Assessed:	Whole of life +re-use potential
CSI Masterformat:	09 68 13
Licensed Site/s:	Waterford, Ireland
Licence Number:	WAT:CP01:2021:PH
Licence Date:	12th January 2022
Valid To:	12th January 2023
Standard:	GGT International v4.0
Screening Date:	12th January 2022
PHD URL:	https://www.globalgreentag.com/wp-content/uploads/2022/01/211021_WAT_Tretford-Roll_PHD_Certificate_v2.pdf



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

- 📍 GreenTag Banned List Compliant
- 📍 Meets Indoor Air Quality VOC emission requirements, for Green Star, LEED & BREEAM
- 📍 Product Meets Optimisation requirements - No Grey or Red Light category ingredient
- 📍 Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 2 - International ACP - REACH Optimization
- 📍 Meets WELL™ v1.0 Features - 4: VOC Reduction - Part 3, 11: Fundamental Material - Part 1c, 26: Enhanced Material Safety, 97: Material Transparency and WELL™ v2.0 Features – X01Material Restrictions (Part 1), X06: VOC Restrictions (Part 2), X07: Material Transparency (Part 1 & 3), X08: Material Optimisation (Part 1 & 2)
- 📍 No worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- 📍 No user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- 📍 No environmental exposure to Carcinogens, Mutagens, Reproductive Toxicants 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:

- 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 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	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" depending on % of the ingredient, hazard level, and relevance to use context.
Red	Problematic (Red): Target for Phase Hazardous Ingredient with "Red Light" 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 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
Dyed Goat Hair							
Goat hair	Natural Fiber	20-30%	None				It is a natural fiber and no hazard identified. Recycled Content: None Nanomaterials: unknown
NOTES: All dyes used in various range of the carpet is listed below. Amount of total dyes used for this product is 0.24 % of the product weight.							
Teconyl Black N-ME							
Teconyl Black N-ME	Dyes	0.2-0.3%	None				No hazard identified. Recycled Content: None Nanomaterials: unknown
Telon Blue GGL 04							
Sodium Carbonate	497-19-8	0.2-0.3%	H319				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, direct contact with the substance can cause eye irritation. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.1-0.3%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Telon Yellow ARB							
Telon Yellow ARB	Dyes	0.2-0.3%	None				Comment for HealthRate assessment Recycled Content: None Nanomaterials: unknown
Solophenyl Blue FGLE							
White mineral oil (petroleum)	8042-47-5	0.01-0.1%	H304				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance may be fatal if swallowed and inhaled, Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Sodium Carbonate	497-19-8	0.01-0.1%	H319				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, direct contact with the substance can cause eye irritation. Recycled Content: None Nanomaterials: unknown

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
Remaining substance	Proprietary	0.1-0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Solophenyl Blue TLE							
Sodium Carbonate	497-19-8	0.2-0.3%	H319				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, direct contact with the substance can cause eye irritation. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Turbantin Yellow							
C.I. Direct Yellow 44	497-19-8	0.2-0.3%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Teconyl_Red L-3BL 200%							
Acid Red 57	12217-34-4	0.01-0.2%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Teconyl Yellow L-GL 200 %							
C.I. Acid Yellow 49	235-473-4	0.01-0.2%	H319				No Hazard Identified. Recycled Content: None Nanomaterials: unknown

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
Remaining substance	Proprietary	0.01-0.2%	H302, H317, H332, H410, H412				<p>In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.</p> <p>During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment</p> <p>Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
TUBANTIN BLUE BRR HC							
C.I. Direct Blue 71	4399-55-7	0.01-0.2%	None				<p>No Hazard Identified.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Remaining substance	Proprietary	0.01-0.2%	H302, H317, H332, H410, H412				<p>In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.</p> <p>During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment</p> <p>Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
TUBANTIN GREEN BL HC							
C.I. Direct Green 26	6388-26-7	0.01-0.2%	None				<p>No Hazard Identified.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
Remaining substance	Proprietary	0.01-0.2%	H302, H317, H332, H410, H412				<p>In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.</p> <p>During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment</p> <p>Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.</p> <p>Recycled Content: None Nanomaterials: unknown</p>
BEMACID BLACK N-TMF							
Sodium-[[4-[(2-ethoxy-5-methylphenyl)azo]-1-naphthyl]azo] benzenesulphonate	68959-00-2	0.01-0.1%	H315, H317, H319, H412				<p>In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.</p> <p>During manufacturing, the substance can cause skin and eye irritation, and toxic to the aquatic environment.</p> <p>Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.</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
sodium 8-phenylamino-5-(4-(3-sulphonatophenylazo)-1-naphthylazo)naphthalenesulphonate	3351-05-1	0.1-0.2%	H317, H319, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin and eye irritation, and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown
Telon Red 2BN 01							
C.I. Acid Red 337	6388-26-7	0.01-0.1%	H317, H411				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
C.I. Acid Red 426	6388-26-7	0.01-0.1%	H317, H411				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Erionyl Blue A-R							
Sodium 1-amino-4-[[[3-[(benzoylamino)methyl]-2,4,6-trimethylphenyl]amino]-9,10-dihydro-9,10-dioxanthracene-2-sulphonate	67827-60-5	0.1-0.2%	H315, H317, H319, H412				The substance is toxic to the aquatic environment. Waterford and suppliers have environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
sodium 1-amino-4-[[[3,5-bis[(benzoylamino)methyl]-2,4,6-trimethylphenyl]amino]-9,10-dihydro-9,10-dioxanthracene-2-sulphonate	67827-61-6	0.01-0.1%	H317, H319, H412				The substance is toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown

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
Remaining substance	Proprietary	0.01-0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Teconyl Violet N-FBL 200%							
C.I. Acid Violet 48	72243-90-4	0.2-0.3%	H319, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause eyes irritation and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN ORANGE 7GL CONC							
C.I. Direct Orange 46	1325-54-8	0.01-0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN RED F3B CONC							
C.I. Direct Red 80	2610-10-8	0.1-0.2%	H315, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin irritation and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown

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
TUBANTIN BLUE GLL 300							
tetrasodium 2-[[[4-[[[1-hydroxy-6-(phenylamino)-3-sulphonato-2-naphthyl]azo]-1-naphthyl]azo]-6-sulphonato-1-naphthyl]azo]benzene-1,4-disulphonate	2503-73-3	0.1-0.2%	H412				The substance is toxic to the aquatic environment. Waterford and suppliers have environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01-0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Pre-dyed Nylon fibre (RN711-09)							
Nylon 6 fibre	25038-54-4	5-10%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Titanium Dioxide	13463-67-7	0.1-0.2%	H351				The substance is suspected of causing cancer. In use the substance is bound inside the final product and not likely to exposed any hazard to end user. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
CARPET ADHESIVE PLASTISOL							
PVC resin	9002-86-2	20-40%	IARC3, H315, H319, H335				In use, the resin is bonded as PVC and not exposed to the end-user. During manufacturing, the substance is not classified as carcinogenic, and can cause skin, eyes and respiratory tract irritation. Waterford and suppliers have internal OHS policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Bis (2-ethylhexyl) terephthalate	6422-86-2	15-30%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Soybean oil, epoxidised	8013-07-8	1-10%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Alkali alumino-silicate	1318-02-01	0.1-1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Pre-dyed Viscose Rayon							
Viscose fibre	68442-85-3	1-5%	None				The wood source is FSC Certified. No Hazard Identified. Recycled Content: None Nanomaterials: unknown

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
Water	7732-18-5	0.1-1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Pigment	Proprietary	0.01-0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Fibre finish	Proprietary	0.01-0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Jute							
Jute	Proprietary	1-10%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown

Notes:

H302: Acute Tox. 4 H351 : Carc. 2
H304: ASP Tox. 1 H410 : Aquatic Tox. 1
H315: Skin Irrit. 2 H411 : Aquatic Chronic 2
H317: Skin Sens. 1B H412 : Aquatic Tox. 3
H319: Eye Irrit. 2 IARC3: Not Classifiable as to its carcinogenicity to human
H332: Acute Tox. 4

Comments:

Tretford Roll has passed VOC Emission test by CETEC.
The product meet the Green Building Council Greenstar requirement.
TVOC Result: 0.25 mg/m2/hr