GLOBAL GREEN TAG INTERNATIONAL PTY LTD

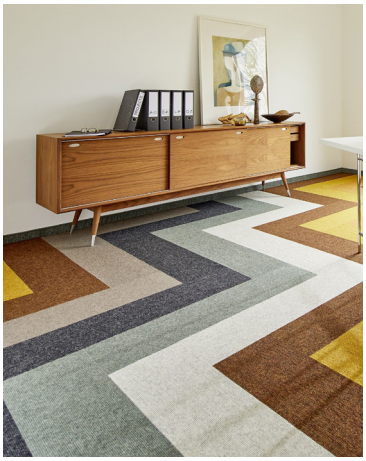
PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Weseler Teppich GmbH & Co. KG

tretford Interlife (Roll, Tile, Floorboard)

Waterford's tretford® Interlife tile is a durable carpet tile manufactured in Germany. The product's face fibre comprises of goat hair and bonded to an at least 80% post-consumer recycled PET backing made of recycled bottles. This hard wearing product is suitable for all work spaces and residential environments and is easy to lay and versatile.



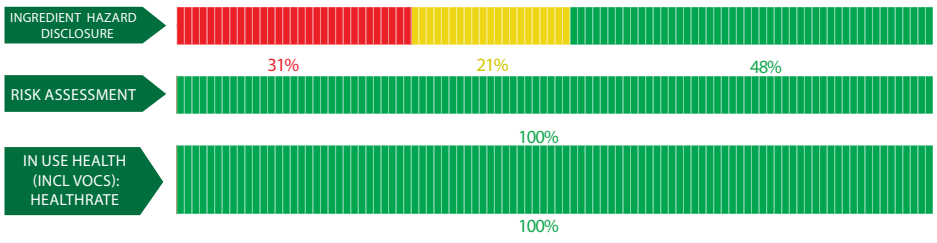
Products/Ranges:	tretford Interlife(Roll, Tile, Floorboard)
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Tile Carpeting
CSI Masterformat:	09 68 13
Licenced Site/s:	Wesel, Germany
Licence Number:	WAT:CP03:2021:PH
Licence Date:	12th January 2022
Valid To:	12th January 2026
Standard:	GGT International v4.0
Screening Date:	20th May 2025
PHD URL:	www.globalgreentag.com/certificate/2686

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

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL ° & LEED ° Material Transparency & Optimization credits included below:
- Meets IWBI ° WELL ° v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 3); Feature 11 (Part 1); Feature 25 (Part 3) , 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 as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.
See over for explanation.

ASSESSMENT:



Declared by:
Global GreenTag International Pty Ltd

David Baggs
CEO

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 risks 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) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of 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 International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 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 Australasian 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 ® v1.0 & v2.0, Green Star ®, the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.

Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess-ment	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 (petro-leum)	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 maybe 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
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

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess-ment	In Use Health Assessment	Comment
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
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
TUBANTIN BLUE BRR HC							
C.I. Direct Blue 71	4399-55-7	0.01-0.2%	None				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 Assess-ment	In Use Health Assessment	Comment
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
TUBANTIN GREEN BL HC							
C.I. Direct Green 26	6388-26-7	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
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				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. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
sodium 8-phenylami-no-5-(4-(3-sulphonatophe-nylazo)-1-naphthyla-zo)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							

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess-ment	In Use Health Assessment	Comment
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 envi-ronment. 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 envi-ronment. 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-ami-no-4-[[3-[(benzoylamino) methyl]-2,4,6-trimethyl-phenyl]amino]-9,10-di-hydro-9,10-dioxoanthra-cene-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-trimethyl-phenyl]amino]-9,10-di-hydro-9,10-dioxoanthra-cene-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
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 environ-ment. 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 Assess-ment	In Use Health Assessment	Comment
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 environ-ment. 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
TUBANTIN BLUE GLL 300							
tetrasodium 2-[[4-[[4-[[1-hy-droxy-6-(phenylami-no)-3-sulphonato-2-naph-thy l]azo]-1-naphthyl] azo]-6-sulphonato-1-naphthyl]azo]ben-zene-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)							

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess-ment	In Use Health Assessment	Comment
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 classi-fied as carcinogenic, and can cause skin, eyes and respiratory tract irritation. Waterford and suppliers have internal OHS poli-cies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Bis (2-ethylhexyl)tere-phthalate	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
Hot melt adhesive (EVA)							
Vinyl Acetate	108-05-4	0.1-1%	H225, H332, H335, H351, Endocrine Disruptor III				The substance is categorized as endocrine dis-ruptor iii by european commission. which mean the substance is suspected to cause endocrine disruptory but there is no evidence or research yet has been confirm that can prove this statement. Thesubstance can cause respiratory irritation and supected to be carcinogenic. In use the substance is encapsulated with the final product and the adhesive it self is covered and not exposed to the end user. Waterford and ABIFOR have internal OHS policies in place.Waterford is ISO14001 Certified. ABIFOR is ISO9001 certified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	10-20%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Glassfibre sheeting							
Glass filaments	65997-17-3	1-5%	None				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 Assess-ment	In Use Health Assessment	Comment
Distillates (petroleum), hydrotreated heavy naph-thenic	64742-52-5	0.01%	H350				In use, the substance is bounded inside the final product and not exposed to the end-user. During manufacturing, the substance may cause Cancer. Waterford and Saint Gobain have internal OHS policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Water	7732-18-5	0.01-0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
PET backing							
PET fibre (80% recycled content)	25038-59-9	1-10%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
PET fibre (20% virgin content)	7732-18-5	1-5%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Proprietary	Proprietary	0.01-0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown

Notes:

H225: Flam Liq. 2
H302: Acute Tox. 4
H304: ASP Tox. 1
H315: Skin Irrit. 2
H317: Skin Sens. 1B
H319: Eye Irrit. 2
H332: Acute Tox. 4
H335: STOT SE. 3
H350 : Carc. 1B
H351 : Carc. 2
H410 : Aquatic Tox. 1
H411 : Aquatic Chronic 2
H412 : Aquatic Tox. 3
IARC3: Not Classifiable as to its carcinogenity to human

Comments:

Tretford Interlife has passed VOC Emission test by Eurofins.
TVOC Results: - 0.21 mg/m3 in classroom
- 0.23 mg/m3 in office room