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**NETHERLANDS**

**our reference**

JLP.DHE/776

**Gent**

2024-03-01

## OEKO-TEX® STANDARD 100 certification report

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### 1. Subject of Analysis

OEKO-TEX® STANDARD 100 Certificate 1702004 - Annex 4

HeartFelt® Ceiling Panels and Baffles made of Trevira CS polyester fibres with flame retardent properties accepted by OEKO-TEX®, dyed, including aluminium profile – Partly produced with material certified according to OEKO-TEX® STANDARD 100

Class IV

### 2. Conclusion

The material with reference

- Baffle with Aluminium profile

meets the requirements of OEKO-TEX STANDARD 100 - Annex 4, Class IV.

Please fill in the attached declaration of conformity and send the signed version back to us.

We would like to ask you to indicate in which language(s) you require the certificate and provide us with the right description in the right language.

Please also make sure that the correct address, as it should be written on the certificate, is mentioned.

As soon as we receive the declaration of conformity, completed and signed, we can proceed with the creation of the certificate.



our reference  
JLP.DHE/776

Gent  
2024-03-01

page  
2 / 5

### 3. Test results

Quality name

- Baffle with Aluminium profile - grey\_metal part
- Baffle with Aluminium profile - grey\_textile part

Detailed information is to be found in: Analysis report 24.00452.01, dd. 01-03-2024

REFERENCE	Baffle with Aluminium profile - grey_metal part	
Test of OEKO-TEX STANDARD 100 Annex 4 - Class IV	Requirements	Results
Metal: As	< 1.0 mg/kg	< 0.20 mg/kg
Metal: Pb	< 1.0 mg/kg	< 0.20 mg/kg
Metal: Cd	< 0.1 mg/kg	< 0.05 mg/kg
Metal: Cr	< 2.0 mg/kg	< 0.20 mg/kg
Metal: Co	< 4.0 mg/kg	< 0.10 mg/kg
Metal: Cu	< 50.0 mg/kg	< 1.50 mg/kg
Metal: Ni	< 4.0 mg/kg	0.52 mg/kg
Metal: Hg	< 0.02 mg/kg	< 0.02 mg/kg
Metal: Ba	< 1000.0 mg/kg	< 1.50 mg/kg
Metal: Se	< 100.0 mg/kg	< 1.50 mg/kg
Metal: Ni (after wear subjection)	< 4.0 mg/kg	0.290 mg/kg
Metal: As (in digested sample)	< 100.0 mg/kg	< 5.00 mg/kg
Metal: Cd (in digested sample)	< 40.0 mg/kg	< 5.00 mg/kg
Metal: Hg (in digested sample)	< 0.5 mg/kg	< 0.200 mg/kg
Metal: Pb (in digested sample)	< 90.0 mg/kg	9.23 mg/kg

REFERENCE	Baffle with Aluminium profile - grey_textile part	
Test of OEKO-TEX STANDARD 100 Annex 4 - Class IV	Requirements	Results
pH	4.0 - 9	5.5
Formaldehyde	< 300.0 mg/kg	< 16.0 mg/kg
Metal: As	< 1.0 mg/kg	< 0.20 mg/kg
Metal: Pb	< 1.0 mg/kg	< 0.20 mg/kg
Metal: Cd	< 0.1 mg/kg	< 0.05 mg/kg
Metal: Cr	< 2.0 mg/kg	< 0.20 mg/kg
Metal: Co	< 4.0 mg/kg	< 0.10 mg/kg
Metal: Cu	< 50.0 mg/kg	< 1.50 mg/kg
Metal: Ni	< 4.0 mg/kg	0.11 mg/kg
Metal: Hg	< 0.02 mg/kg	< 0.02 mg/kg
Metal: Ba	< 1000.0 mg/kg	< 1.50 mg/kg
Metal: Se	< 100.0 mg/kg	< 1.50 mg/kg
Pentachlorophenol (PCP)	< 0.5 mg/kg	< 0.020 mg/kg
Tetrachlorophenol (TeCP, sum)	< 0.5 mg/kg	< 0.020 mg/kg
Trichlorophenol (TrCP, sum)	< 2.0 mg/kg	< 0.020 mg/kg
Dichlorophenol (DCP, sum)	< 3.0 mg/kg	< 0.020 mg/kg
Monochlorophenol (MCP, sum)	< 3.0 mg/kg	< 0.020 mg/kg
Orthophenylphenol (OPP)	< 25.0 mg/kg	< 1.0 mg/kg





our reference  
JLP.DHE/776

Gent  
2024-03-01

page  
3 / 5

Phenol	< 50.0 mg/kg	< 10 mg/kg
Sum of all Arylamines (PES)	< 20.0 mg/kg	< 10.0 mg/kg
Aniline	< 50.0 mg/kg	< 10.0 mg/kg
2-Amino-5-nitrothiazole	Under observation	< 5.00 mg/kg
p-Anisidine	Under observation	< 5.00 mg/kg
Chlorinated benzenes and toluenes	< 1.0 mg/kg	< 0.50 mg/kg
Colour fastness to water	3	5
Colour fastness to perspiration - acid	3-4	5
Colour fastness to perspiration - alkaline	3-4	5
Colour fastness to rubbing - dry	4	5
DMAc	< 500.0 mg/kg	< 200 mg/kg
NMP	< 500.0 mg/kg	< 200 mg/kg
DMF	< 500.0 mg/kg	< 200 mg/kg
Formamide	< 200.0 mg/kg	< 200 mg/kg
Benzene	< 5.0 mg/kg	< 2.5 mg/kg
N-ethyl-2-pyrrolidone (NEP)	Under observation	< 200 mg/kg
BP, NP, OP, HpP, PeP – sum	< 10.0 mg/kg	< 2.00 mg/kg
BP, NP, OP, HpP, PeP, NP(EO), OP(EO) – sum	< 100.0 mg/kg	< 20.0 mg/kg
PAH - Benzo[a]pyrene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Benzo[e]pyrene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Benzo[a]anthracene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Chrysene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Benzo[b]fluorantene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Benzo[j]fluorantene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Benzo[k]fluorantene	< 1.0 mg/kg	< 0.200 mg/kg
PAH - Dibenzo[a,h]anthracene	< 1.0 mg/kg	< 0.200 mg/kg
Polycyclic aromatic hydrocarbons (PAH) - Sum (24)	< 10.0 mg/kg	< 0.200 mg/kg
C.I. Disperse Blue 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 7	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 26	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 35	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 102	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 106	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 124	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Brown 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Orange 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Orange 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Orange 37 (=59=76)	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Red 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Red 11	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Red 17	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse yellow 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 9	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 39	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 49	< 50.0 mg/kg	< 10.0 mg/kg
Quinoline	< 50.0 mg/kg	< 10 mg/kg
C.I. Acid Red 26	< 50.0 mg/kg	< 10.0 mg/kg



our reference  
JLP.DHE/776

Gent  
2024-03-01

page  
4 / 5

C.I. Acid Red 114	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Blue 26	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Red 9	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Violet 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Violet 14	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Direct Black 38	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Direct Blue 6	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Direct Blue 15	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Direct Brown 95	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Direct Red 28	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Blue 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Orange 11	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Solvent Yellow 1	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Solvent Yellow 3	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Yellow 2 (=C.I. Solvent Yellow 34)	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Basic Green 4 (chloride)	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Orange 149	< 50.0 mg/kg	< 10.0 mg/kg
C.I. Disperse Yellow 23	< 50.0 mg/kg	< 10.0 mg/kg
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	< 1000.0 mg/kg	< 1000 mg/kg
C.I. Solvent Blue 4	< 1000.0 mg/kg	< 1000 mg/kg
Bisphenol A	< 100.0 mg/kg	< 50.0 mg/kg
Bisphenol B	< 1000.0 mg/kg	< 50.0 mg/kg
Bisphenol F	Under observation	< 50.0 mg/kg
Bisphenol S	< 1000.0 mg/kg	< 50.0 mg/kg
Bisphenol AF	Under observation	< 50.0 mg/kg
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	< 1000.0 mg/kg	< 50.0 mg/kg





our reference  
JLP.DHE/776

Gent  
2024-03-01

page  
5 / 5

#### 4. Overview of supplier certificates

Supplier	Certificate number	Institute	Type	Class	End of validity
<b>Indorama Ventures Fibers Germany GmbH</b>	16:12.0.03665	Hohenstein HTTI	OEKO-TEX® STANDARD 100 Annex 6	I	31/03/2024
Trevira® - fibres (staplefibres, tows, tops, homo-polymer fibres, bi-component fibres, Outlast-PCM-fibres) and Trevira® - filament yarns, flat and crimped, raw-white, spun-dyed or bath-dyed; partly produced with fibres accepted by OEKO-TEX® having biologically active properties (Trevira® Bioactive/Trevira® CS Bioactive) resp. flame retardant properties (Trevira® CS); based on different, also "antimony-free", polyester polymers, including raw-white PLA, co-polyesters, co-polyolefins; Trevira® - and Trevira® CS - Polyester granules; partly produced by using material certified according to OEKO-TEX® STANDARD 100					

#### 5. Annex

- Analysis report 24.00452.01, dd. 01-03-2024
- Declaration of conformity

Best regards,

Jolien De Lepeleire - Coordinator OEKO-TEX®