Emission Test Certificate

Monday 6th November 2023

Supplier	Woven Image Pty Ltd (37-39 Chard Road, BROOKVALE, NSW, Australia)
Sample Description	EchoPanel 12 mm, 12 mm thickness, 100% PET (80% Recycled)
Date Tested	October 2023 (Tested by FORAY Laboratories – NATA Accreditation 1231)
Test Method	Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2: 2017 (Emission testing method for California Specification CA 01350)

Sample and Chamber conditions during the test period:

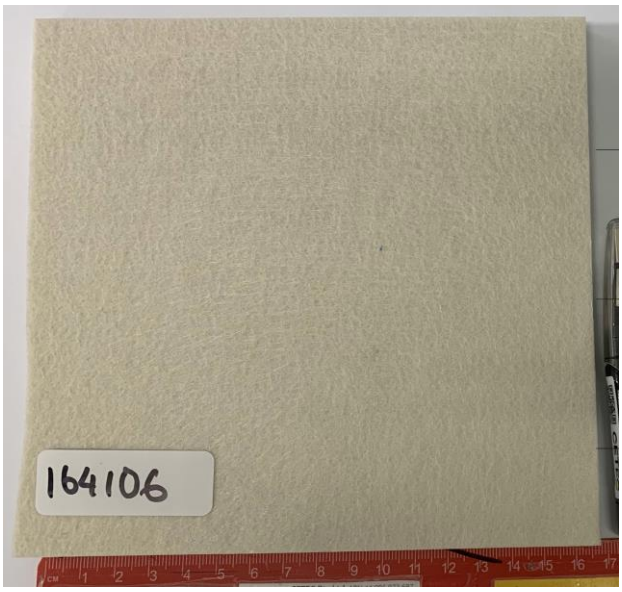
Temperature	23.4°C ± 0.3°C
Humidity	44% ± 3%
Chamber Volume	50 L
Chamber Flow Rate	0.853 L/min
Chamber Pressure	102.6 kPa
Product Loading	0.67 m^2/m^3
Air Exchange Rate	1.023 hr^{-1}
Emission Collection Time	1450 min for formaldehyde and aldehydes and 128 min for Thermal Desorption tubes VOCs.
Sample Surface Area	0.033 m^2
the Exposure of sample in the chamber	14 days (336 hours)

Test summary: The air samples were collected from the emission chamber at 336 hours exposure for aldehydes and VOCs. The aldehyde gases were collected on DNPH-treated silica tubes (SKC 226-119) and analysed by Ultra High-Performance Liquid Chromatography (UHPLC). The VOC gases were collected on Tenax TA Thermal Desorption tubes and analysed by ATD-GC-MS as TO-17.

Emission Data:

California Specification CA 01350	**EchoPanel 12 mm, 12 mm thickness, 100% PET (80% Recycled)**
TVOC Emission Rate Limit: <0.500 mg/m^3	TVOC Emission Rate*: 0.010 mg/m^3
Formaldehyde Emission Rate Limit: <9 µg/m^3	Formaldehyde Emission Rate*: <1 µg/m^3
All other Target CREL VOCs and their emission rate are well below the maximum allowable concentrations in accordance with Table 4-1 of the standard method (please see it in Annex 1 below).	

** The stated result was calculated from an emission rate applied to standard private office room Model (Table 4-2) using an 11.15 m^2 exposed ceiling area, a room volume of 30.6 m^3, and a ventilation rate of 0.68 hr^{-1}.*



EchoPanel 12 mm, 100% PET (80% Recycled).

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Annex 1: TVOC & Target VOC calculated concentration as Table 4-1 from EchoPanel 12 mm, 12 mm thickness, 100% PET (80% Recycled).

Sample ID	CAS number	Calculated Concentrations* (µg/m³)
Analyte		164106
TVOC (C_5-C_{17})	-	10
Acetaldehyde	75-07-0	<1.0
Benzene	71-43-2	<0.5
Carbon disulfide	75-15-0	<0.5
Carbon tetrachloride	56-23-5	<0.5
Chlorobenzene	10-90-7	<0.5
Chloroform	67-66-3	<0.5
1,4-dichlorobenzene	106-46-7	<0.5
1,1-dichloroethene	75-35-4	<0.5
N, N-dimethylformamide	68-12-2	<0.5
1,4-dioxane	123-91-1	<0.5
Epichlorohydrin	106-89-8	<0.5
Ethylbenzene	100-41-4	<0.5
Ethylene glycol	107-21-1	<0.5
Ethylene glycol monomethyl ether	110-80-5	<0.5
Ethyleneglycol monomethyl ether acetate	111-15-9	<0.5
Ethyleneglycol monomethyl ether	109-86-4	<0.5
Ethyleneglycol monomethyl ether acetate	110-49-6	<0.5
Formaldehyde	50-00-0	<1.0
n-hexane	110-54-3	<0.5
Isophorone	78-59-1	<0.5
Isopropanol	67-63-0	<0.5
Methyl chloroform	71-55-6	<0.5
Methylene chloride	75-09-2	<0.5
Methyl *t*-butyl ether	1634-04-4	<0.5
Naphthalene	91-20-3	<0.5
Phenol	108-95-2	<0.5
Propylene glycol monomethyl ether	107-98-2	<0.5
Styrene	100-42-5	<0.5
Tetrachloroethene	127-18-4	<0.5
Toluene	108-88-3	1.0
Tricholoroethylene	79-01-6	<0.5
Vinyl acetate	108-05-4	<0.5
Xylenes (m-, o- & p-)	108-38-3, 95-47-6, 106-42-3	<0.5

** The stated result was calculated from an emission rate applied to the standard private office room Model (Table 4-2) using an 11.15 m^2 exposed ceiling area, a room volume of 30.6 m^3, and a ventilation rate of 0.68 hr^{-1}.*