

Emission Test Certificate

Monday, 23rd March 2015

Supplier: LETObamboo (9 Glenvale Crescent, Mulgrave, VIC 3170)

Sample Description: Bamboo Ply – 'Narrow Grain, Carbonised Colour' 19mm (100% bamboo)

Date Tested: March 2014 (Tested by FORAY Laboratories – NATA Accreditation 1231)

Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".

Emission Data:

Ecospecifier GreenTag	Bamboo Ply 'Narrow Grain, Carbonised Colour' 19mm
Total Volatile Organic Compound Emission Rate limit <0.5mg/m ² /hr	Total Volatile Organic Compound Emission Rate: <0.006 mg/m ² /hr
Formaldehyde Emission Rate limit <0.1mg/m ² /hr	Formaldehyde Emission Rate: <0.005 mg/m ² /hr



Dr. Vyt Garnys
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Managing Director and Principal Consultant



Nick Joy
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CV150303

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Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".

Emission Data:

Green Building Council of Australia Green Star Office Interiors v1.1 IEQ-11 & IEQ 12	Bamboo Ply 'Narrow Grain, Carbonised Colour' 19mm
Total Volatile Organic Compound Emission Rate limit $<0.5\text{mg/m}^3$	Total Volatile Organic Compound Emission Rate: $<0.006\text{ mg/m}^2/\text{hr}$ $<0.008\text{mg/m}^3$ * (seven days)
Formaldehyde Emission Rate limit $<0.1\text{mg/m}^3$	Formaldehyde Emission Rate: $<0.005\text{ mg/m}^2/\text{hr}$ $<0.005\text{ppm}$ * (seven days)

*Results for air concentration based on Greenguard Standard Office Model using 29.7m^2 exposed wall surface area, room volume of 32m^3 and ventilation rate of 0.72 hr^{-1} .



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**CETEC**

Professional Scientific Solutions

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Sample Description: Bamboo Ply – 'Narrow Grain, Carbonised Colour' 19mm (100% bamboo)

Date Tested: March 2014 (Tested by FORAY Laboratories – NATA Accreditation 1231)

Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products",

Emission Data:

Good Environmental Choice Australia Furniture Fittings and Foam	Bamboo Ply 'Narrow Grain, Carbonised Colour' 19mm
Total Volatile Organic Compound Emission Rate limit <0.5mg/m ² /hr	Total Volatile Organic Compound Emission Rate: <0.006 mg/m ² /hr
Formaldehyde Emission Rate limit <0.1mg/m ² /hr	Formaldehyde Emission Rate: <0.005 mg/m ² /hr

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Emission Test Certificate

Tuesday February 24th, 2009

Supplier: LETObamboo Pty Ltd (43 Karnak Road, Ashburton Victoria 3147)

Sample Description: Bamboo board (*STRAND WOVEN*)

Date Tested: February 2009

Emission Data:

Green Building Council of Australia Green Star Specification	Bamboo Board
Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".	
Office Design V2 IEQ-13 < 0.5 mg/m ² /hr (24 hours)	<0.05 mg/m ² /hr (VOC)
Office Design V3 IEQ-13 < 0.5 mg/m ² /hr (24 hours)	
Office Interiors V1.1 IEQ-11 < 0.5 mg/m ³ (7 days)	<0.05 mg/m ² /hr (VOC) When this product is used in the typical manner in an office building the resulting airborne total volatile organic compound concentration can be expected to be less than 0.5 mg/m ³ .
Test Method: EN717-2 "Wood-based Panels - Determination of Formaldehyde Release - Part 2: Formaldehyde Release by the Gas Analysis Method".	
	0.11 mg/m ² /hr (Formaldehyde)

The above results may be considered representative of the bamboo board range supplied by LETObamboo Pty Ltd.

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