

**Reporting Laboratory:**

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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

Ambient Bamboo Floors
8125 Stayton Dr Unit C
Jessup, MD 20794
USA

REPORT INFORMATION:

Report Date: May 1, 2017

BMI Client/Project Number: 0721473

Report of: Finished Goods Ind #2 (Face/Back Exposed)

BMI Lab Report Number: 0721473-28

Sample ID Number(s): 2017-1658

ASTM D6007-02 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
NIOSH 3500: Formaldehyde by VIS (Chromotropic Acid procedure)
Standard Face-and-Back Sample Configuration

CHAMBER TEST CONDITIONS/PARAMETERS

Product Type:	Finished Goods		
Chamber Load Ratio (m²/m³):	0.43		
Chamber Dimensions (m):	0.49 x 0.49 x 0.49 (Nominal)		
Chamber Volume (m³):	0.12m ³		
Air Exchange Rate:	0.5 +/- 0.05 air changes per hour		
Chamber Q/A Ratio (+/- 2%):	1.173		
No. Specimens in Charge:	1		
No. Faces Exposed:	2		
Barometric Pressure (in Hg):	29.6		
Temperature (°C):	Avg: 24.5	Min: 24.3	Max: 24.7
Relative Humidity (%):	Avg: 51	Min: 51	Max: 51
Length of Test (minutes):	30		

TEST RESULTS

	Impinger
Observed Air Flow Rate (Observed L/min):	1.00
Corrected Volume of Air Sample (Liters):	29.82
Raw Absorbance Values	
Absorbance #1	0.001
Absorbance #2	0.003
Absorbance #3	0.002
Average Absorbance:	0.002
Unadjusted Concentration (ppm):	0.01
Temperature Correction Factor 25°C:	1.05
Relative Humidity Correction Factor 50% R.H.:	0.98
Standardized Concentration (ppm):**	BLQ
**BLQ = Test result is below the limit of quantification (<0.015 ppm)	

PRODUCT AND SAMPLE DATA

Product Name/Description:	Strand Bamboo Flooring		
Panel Manufacturer:		Production Date:	1/9/2017
Supplier: (if different than panel mfr)	See Above	Sample Collection Date:	4/5/2017
Nominal Product Thickness:	14 mm	Sample Test Date:	4/26/2017
Nominal Product Dimensions (L x W):	N/S N/S	Sample Wrapping Method:	Wrapped Together in Vapor Retarder
Face Surface Condition:	Stained/Coated	Back Surface Condition:	Stained/Coated
Lot/Batch No.:	N/S	Resin Type/Supplier:	N/S

TEST ANNOTATIONS

- 1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 30 +/- 2 minutes.
- 2) The samples were conditioned for seven (7) days prior to testing. The sample conditioning environment was maintained at 75 +/- 5°F (24 +/- 3°C) and 50% +/- 5% relative humidity.
- 3) During conditioning and test, the background concentration of formaldehyde in air was 0.01 ppm or less.

OTHER COMMENTS

Product is solid bamboo flooring. Test method ASTM D6007 with Q/A ratio of 1.173 was employed at client direction.

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Respectfully Submitted,

Laboratory Manager

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