



Reporting Laboratory:
Benchmark International, LLC (BMI)
 2710 West 5th Avenue
 Eugene, Oregon, USA 97402
 Phone: +1 (541) 484-9212 / FAX: +1 (541) 344-2735

TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

Ambient Building Products
 8230 Preston Ct. Unit C
 Jessup, MD 20794 USA

REPORT INFORMATION:

Report Date:	July 26, 2023
BMI Client/Project Number:	0721473
Report of:	Finished Goods Ind #1 (Face Exposed)
BMI Lab Report Number:	0721473-49
Sample ID Number(s):	2023-0955

ASTM D6007-22 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small-Scale Chamber
 ASTM D5197-21: Standard Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology)
 Back-to-Back Sample Configuration (Face Exposed)

CHAMBER TEST CONDITIONS/PARAMETERS				
Product Type:	Finished Goods			
Chamber Load Ratio (m ² /m ³):	0.86			
Chamber Dimensions (m):	0.39 x 0.39 x 0.39 (Nominal)			
Chamber Volume (m ³):	0.06m ³			
Air Exchange Rate:	1.0 +/- 0.05 air changes per hour			
Chamber Q/A Ratio (+/- 2%):	1.172			
No. Specimens in Charge:	1			
No. Faces Exposed:	2			
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Temperature (°C):	Avg:	25.2	Min:	25.2
	Max:	25.3		
Relative Humidity (%):	Avg:	48	Min:	48
	Max:	48		
Length of Test (minutes):	60			

TEST RESULTS	
	Value:
Observed Air Flow Rate (Liters/min):	1.00
Corrected Volume of Air Sample (Liters):	60.0
Sample Concentration (µg/mL):	0.013
Sample Eluent Dilution Factor:	N/A
Unadjusted Concentration in Air (ppm):	0.002
Temperature Correction Factor to 25 :	0.98
Relative Humidity Correction Factor to 50% R.H.:	1.04
Standardized Concentration in Air (ppm):	**<0.005
**<0.005ppm = Test result is below the limit of quantification	

CUSTOMER-SUPPLIED PRODUCT AND SAMPLE DATA			
Product Name/Description:	14mm Solid Strand Bamboo Flooring		
Panel Manufacturer:	Not Specified	Production Date:	5/1/2023
Supplier: (if different than panel mfr)	See Above	Sample Collection Date:	Not Specified
Nominal Product Thickness:	14 mm	Specimen Test Date:	7/24/2023
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	Panel Production Line:	N/S
Resin Supplier Name:	Not Specified	Resin Name/Type:	Not Specified
Sample Collected by:	Client	Sample Collector Name:	Kim Davis

TEST ANNOTATIONS			
1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 60 +/- 2 minutes.			
2) Unless otherwise noted, test specimens were prepared per test method requirements. Specimens were conditioned for 168 hours +/- 3 hours prior to testing. The specimen conditioning environment was maintained at 75°F +/- 5°F (24°C +/- 3°C) and 50% +/- 5% relative humidity.			
3) During conditioning and test, the background concentration of formaldehyde in air was 0.005 ppm or less.			
4) ASTM E1333/ASTM D6007 Equivalence C-Value (Low Range): 0.014 Date: 12/13/2022 ASTM E1333/ASTM D6007 Equivalence C-Value (Mid Range): 0.028 Date: 12/28/2022			
5) Test Technician Name: A. Malsch			

OTHER COMMENTS	
Product type is solid bamboo. Test method ASTM D6007 with a Q/A ratio of 1.172 was employed at client direction.	

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Respectfully Submitted,

Laboratory Manager
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