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**Benchmark International, LLC (BMI)**  
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**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:** 0721473-50  
**Sample ID Number(s):** 2023-0956

**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				
<b>Product Type:</b>	Finished Goods			
<b>Chamber Load Ratio (m<sup>2</sup>/m<sup>3</sup>):</b>	0.86			
<b>Chamber Dimensions (m):</b>	0.39 x 0.39 x 0.39 (Nominal)			
<b>Chamber Volume (m<sup>3</sup>):</b>	0.06m <sup>3</sup>			
<b>Air Exchange Rate:</b>	1.0 +/- 0.05 air changes per hour			
<b>Chamber Q/A Ratio (+/- 2%):</b>	1.172			
<b>No. Specimens in Charge:</b>	1			
<b>No. Faces Exposed:</b>	2			
<hr/>				
<b>Temperature (°C):</b>	<b>Avg:</b> 25.2	<b>Min:</b> 25.1	<b>Max:</b> 25.3	
<b>Relative Humidity (%):</b>	<b>Avg:</b> 47	<b>Min:</b> 47	<b>Max:</b> 47	
<b>Length of Test (minutes):</b>	60			

TEST RESULTS	
	Value:
<b>Observed Air Flow Rate (Liters/min):</b>	1.00
<b>Corrected Volume of Air Sample (Liters):</b>	60.0
<b>Sample Concentration (µg/mL):</b>	0.018
<b>Sample Eluent Dilution Factor:</b>	N/A
<b>Unadjusted Concentration in Air (ppm):</b>	0.002
<b>Temperature Correction Factor to 25 :</b>	0.98
<b>Relative Humidity Correction Factor to 50% R.H.:</b>	1.06
<b>Standardized Concentration in Air (ppm):</b>	<b>**&lt;0.005</b>
<b>**&lt;0.005ppm = Test result is below the limit of quantification</b>	

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CUSTOMER-SUPPLIED PRODUCT AND SAMPLE DATA			
<b>Product Name/Description:</b>	14mm Engineered Strand Woven Bamboo Flooring		
<b>Panel Manufacturer:</b>	Not Specified	<b>Production Date:</b>	Not Specified
<b>Supplier:</b> <small>(if different than panel mfr)</small>	See Above	<b>Sample Collection Date:</b>	Not Specified
<b>Nominal Product Thickness:</b>	14 mm	<b>Specimen Test Date:</b>	7/24/2023
<b>Nominal Product Dimensions (L x W):</b>	N/S N/S	<b>Sample Wrapping Method:</b>	Wrapped Together in Vapor Retarder
<b>Face Surface Condition:</b>	Stained/Coated	<b>Back Surface Condition:</b>	Stained/Coated
<b>Lot/Batch No.:</b>	N/S	<b>Panel Production Line:</b>	N/S
<b>Resin Supplier Name:</b>	Not Specified	<b>Resin Name/Type:</b>	Not Specified
<b>Sample Collected by:</b>	Client	<b>Sample Collector Name:</b>	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	
Not Applicable	

Respectfully Submitted,

**Laboratory Manager**  
**Benchmark Holdings, LLC (BMH)**  
**Benchmark International, LLC (BMI)**

