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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

Ambient Building Products
 1440 Desoto Rd.
 Baltimore, MD 21230 USA

REPORT INFORMATION:

Report Date: April 15, 2026
BMI Client/Project Number: 0721473
Report of: Raw Panel Indicator
BMI Lab Report Number: 0721473-58
Sample ID Number(s): 2026-0250

ASTM D6007-14 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)
Standard Face-and-Back Sample Configuration

CHAMBER TEST CONDITIONS/PARAMETERS				
Product Type:	Other (See "Other Comments")			
Chamber Load Ratio (m²/m³):	0.86			
Chamber Dimensions (m):	0.39 x 0.39 x 0.39 (Nominal)			
Chamber Volume (m³):	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:	3			
No. Faces Exposed:	6			
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Temperature (°C):	Avg: 24.6	Min: 24.4	Max: 24.9	
Relative Humidity (%):	Avg: 52	Min: 51	Max: 52	
Length of Test (minutes):	60			

CUSTOMER-SUPPLIED PRODUCT AND SAMPLE DATA			
Product Name/Description:	1/2" Magpanel MGO		
Panel Manufacturer:	Not Specified	Production Date:	Not Specified
Supplier: <small>(if different than panel mfr)</small>	See Above	Sample Collection Date:	Not Specified
Nominal Product Thickness:	1/2 in	Specimen Test Date:	4/14/2026
Nominal Product Dimensions (L x W):	N/S N/S	Sample Wrapping Method:	Wrapped Together in Vapor Retarder
Face Surface Condition:	Unfinished	Back Surface Condition:	Unfinished
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:	Terry Keyfauser

TEST RESULTS	
	Value:
Observed Air Flow Rate (Liters/min):	1.00
Corrected Volume of Air Sample (Liters):	60.0
Sample Concentration (µg/mL):	0.007
Sample Eluent Dilution Factor:	N/A
Unadjusted Concentration in Air (ppm):	0.001
Temperature Correction Factor to 25 :	1.04
Relative Humidity Correction Factor to 50% R.H.:	0.97
Standardized Concentration in Air (ppm):	**<0.005
**<0.005ppm = Test result is below the limit of quantification	

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):	0.021	Date: 12/26/2024
	ASTM E1333/ASTM D6007 Equivalence C-Value (Mid Range):	0.035	Date: 12/31/2024
5)	Test Technician Name: A. Malsch		

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

Respectfully Submitted,

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

