



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:

Jonathan Espinoza
 D&M Flooring
 19168 Van Ness Ave
 Torrance, CA 90501
 USA

REPORT INFORMATION:

Report Date: October 14, 2019
BMI Client/Project Number: 0721589
Report of: Finished Goods Ind #1 (Face Exposed)
BMI Lab Report Number: 0721589-26
Sample ID Number(s): 2019-1256

ASTM D6007-14 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
 ASTM D5197-16: 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 (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%):	1.173			
No. Specimens in Charge:	1			
No. Faces Exposed:	2			
Temperature (°C):	Avg: 26.0	Min: 25.9	Max: 26.2	
Relative Humidity (%):	Avg: 49	Min: 49	Max: 49	
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):	0.015
Sample Eluent Dilution Factor:	N/A
Unadjusted Concentration in Air (ppm):	0.002
Temperature Correction Factor to 25 :	0.90
Relative Humidity Correction Factor to 50% R.H.:	1.02
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:	Modern Craftsman Signature Collection, #MCSIGNATURE Eng. Flr.: European Oak Veneer/Eucalyptus&Poplar Core		
		Production Date:	05/2019
Supplier: <small>(if different than panel mfr)</small>	See Above	Sample Collection Date:	9/19/2019
Nominal Product Thickness:	5/8 in	Specimen Test Date:	10/9/2019
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:	Jonathan Espinoza

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 seven (7) days prior to testing. The specimen conditioning environment was maintained at 75 +/- 5°F (24 +/- 3°C) and 50% +/- 5%
3) During conditioning and test, the background concentration of formaldehyde in air was 0.005 ppm or less.

OTHER COMMENTS
Not Applicable

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Respectfully Submitted,

Laboratory Manager
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