



**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:** 0721589-27  
**Sample ID Number(s):** 2019-1257

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				
<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>	1.173			
<b>No. Specimens in Charge:</b>	1			
<b>No. Faces Exposed:</b>	2			
<b>Temperature (°C):</b>	<b>Avg:</b> 26.0	<b>Min:</b> 25.8	<b>Max:</b> 26.2	
<b>Relative Humidity (%):</b>	<b>Avg:</b> 49	<b>Min:</b> 48	<b>Max:</b> 49	
<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>	0.056
<b>Sample Eluent Dilution Factor:</b>	N/A
<b>Unadjusted Concentration in Air (ppm):</b>	0.008
<b>Temperature Correction Factor to 25 :</b>	0.90
<b>Relative Humidity Correction Factor to 50% R.H.:</b>	1.03
<b>Standardized Concentration in Air (ppm):</b>	0.007
**<0.005ppm = Test result is below the limit of quantification	

CUSTOMER-SUPPLIED PRODUCT AND SAMPLE DATA			
<b>Product Name/Description:</b>	Modern Craftsman Resort Collection, #MCRESORT Eng Flr.: European Oak Veneer/Eucalyptus&Poplar Core		
<b>Production Date:</b>	05/2019		
<b>Supplier:</b> (if different than panel mfr)	See Above	<b>Sample Collection Date:</b>	9/19/2019
<b>Nominal Product Thickness:</b>	1/2 in	<b>Specimen Test Date:</b>	10/9/2019
<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>	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

This report has been produced for the exclusive use of: **D&M Flooring**  
 and may not be reproduced except in its entirety, and only with the express written permission of Benchmark International, LLC (BMI). No one other than the named BMI Client identified in this test report shall be entitled to rely upon this report or the information contained or referenced herein. Any such unauthorized reliance upon or use of this test report will be at the third party's sole risk.  
**NOTE 1:** Unless otherwise agreed in writing in advance by a duly authorized member of BMI management, test services are subject to the current Benchmark Holdings, LLC Terms and Conditions of Service in effect at the time the test sample is submitted to the BMI laboratory. All test reports are subject to the current Benchmark Holdings, LLC Inspection and Test Report Publication Guidelines. Report users are responsible for contacting BMI to obtain a copy of the current inspection and test report publication guidelines and/or to obtain written authorization to publish or reproduce this test report.  
**NOTE 2:** Test results are for information purposes only and do not constitute an independent product certification unless otherwise specified in valid BMH certification documents. Unless otherwise noted in this test report, test results apply only to the test samples as-received from the Client or other person(s) responsible for the sampling stage. Test results, to include professional opinions, interpretations, or judgments made if any, apply only to the specific product(s) and the lot(s)/batch(es) evaluated and identified in this test report. Report users must not represent test results in a manner so as to state or imply the test results may be applied to other product(s) or lot(s)/batch(es) that were not specifically included in the test evaluation.  
**NOTE 3:** Services performed for this project have been conducted with a level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar conditions and constraints. No warranty, expressed or implied, is made.

Respectfully Submitted,

Laboratory Manager  
 Benchmark Holdings, LLC (BMH)

