



**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:**

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

**REPORT INFORMATION:**

**Report Date:** June 20, 2017  
**BMI Client/Project Number:** 0721589  
**Report of:** Finished Goods Ind #2 (Face/Back Exposed)  
**BMI Lab Report Number:** 0721589-13  
**Sample ID Number(s):** 2017-2007

**ASTM D6007-02 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber**  
**NIOSH 3500: Formaldehyde by VIS (Chromotropic Acid procedure)**  
**Standard Face-and-Back Sample Configuration**

CHAMBER TEST CONDITIONS/PARAMETERS				
<b>Product Type:</b>	Finished Goods			
<b>Chamber Load Ratio (m<sup>2</sup>/m<sup>3</sup>):</b>	0.43			
<b>Chamber Dimensions (m):</b>	0.49 x 0.49 x 0.49 (Nominal)			
<b>Chamber Volume (m<sup>3</sup>):</b>	0.12m <sup>3</sup>			
<b>Air Exchange Rate:</b>	0.5 +/- 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>Barometric Pressure (in Hg):</b>	29.7			
<b>Temperature (°C):</b>	<b>Avg:</b> 24.9	<b>Min:</b> 24.7	<b>Max:</b> 25.1	
<b>Relative Humidity (%):</b>	<b>Avg:</b> 49	<b>Min:</b> 49	<b>Max:</b> 50	
<b>Length of Test (minutes):</b>	30			

PRODUCT AND SAMPLE DATA			
<b>Product Name/Description:</b>	European Oak Engineered Flooring Sample ID: Royal Oak		
<b>Panel Manufacturer:</b>	Zhejiang Yuhua	<b>Production Date:</b>	12/16/2016
<b>Supplier:</b> <small>(if different than panel mfr)</small>	See Above	<b>Sample Collection Date:</b>	5/23/2017
<b>Nominal Product Thickness:</b>	5/8 in	<b>Sample Test Date:</b>	6/16/2017
<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>	Unfinished
<b>Lot/Batch No.:</b>	20161216	<b>Resin Type/Supplier:</b>	N/S

TEST RESULTS	
	<b>Impinger</b>
<b>Observed Air Flow Rate (Observed L/min):</b>	1.00
<b>Corrected Volume of Air Sample (Liters):</b>	30.00
<b>Raw Absorbance Values</b>	
<b>Absorbance #1</b>	0.002
<b>Absorbance #2</b>	0.001
<b>Absorbance #3</b>	0.001
<b>Average Absorbance:</b>	0.001
<b>Unadjusted Concentration (ppm):</b>	0.00
<b>Temperature Correction Factor 25°C:</b>	1.01
<b>Relative Humidity Correction Factor 50% R.H.:</b>	1.02
<b>Standardized Concentration (ppm):**</b>	BLQ
<b>**BLQ = Test result is below the limit of quantification (&lt;0.015 ppm)</b>	

TEST ANNOTATIONS
1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 30 +/- 2 minutes.
2) The samples were conditioned for seven (7) days prior to testing. The sample conditioning environment was maintained at 75 +/- 5°F (24 +/- 3°C) and 50% +/- 5% relative humidity.
3) During conditioning and test, the background concentration of formaldehyde in air was 0.01 ppm or less.

OTHER COMMENTS
Not Applicable

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Respectfully Submitted,

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

