



TEST REPORT

DATE: 07-01-2020

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TEST NUMBER: 0267983

CLIENT	European Wood Company
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TEST METHOD CONDUCTED	ASTM D5582 Standard Test Method for Determining Formaldehyde Levels from Wood Products Using a Desiccator
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Engineered Wood Sample

GENERAL PRINCIPLE

This test method covers a small scale procedure for measuring formaldehyde emission potential from wood products. The formaldehyde level is determined by collecting air-borne formaldehyde in a small distilled water reservoir within a closed desiccator. The quantity of formaldehyde is determined by a modification of the National Institute for Occupational Safety and Health (NIOSH) 3500 chromotropic acid test procedure.

Wood products typically evaluated by this test method are made with urea-formaldehyde adhesives and include but are not limited to particleboard, hardwood, plywood, and medium-density fiber- board. This test method is used for product quality control and is a small bench test method that correlates with the large-scale acceptance test for determining formaldehyde levels from wood products, Test Method ASTM [E1333](#). The sample is prepared and acclimated in 24 C and 50% relative humidity. The exposure time in the desiccator is 120 minutes. Tests were conducted in a climate controlled condition of 24 C. The test specimen liquid was read undiluted at the conclusion of the exposure period.

TEST RESULTS

	Formaldehyde	Lowest Calibrated Level	Blank Standard
Engineered Wood Sample	<0.025 ppm	.025 ppm	<.025 ppm

COMMENTS

This material, as received, would likely meet the requirements set forth under the CARB II program established by the California Air Resource Board.

MAXIMUM ALLOWABLE				
HWPW-VA	HWPW-CC	PB	MDF	IMDF
0.05	0.05	0.09	0.11	0.13

APPROVED BY:

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