

**TEST REPORT**

DATE: 04/09/2013

TEST NUMBER: 156034

CLIENT	Hakwood
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TEST METHOD CONDUCTED	CAL 1350 Emissions Testing
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Hakwood Duoplank
CONSTRUCTION	Hardwood Flooring

CAL 01350 Test Report

The submitted product was tested for VOC emissions by test method-ASTM D5116 Modified Organic Emissions Testing. The capture media used were Solid Sorbent Tubes (tenax TA/Carbon) and 2,4 DNPH on SiO₂. The day 11 results below show the highest levels detected over the 4 timed readings.

TEST RESULTS

Test Results		Test Results	
Target Compound	Emission (µg/m ³)	Target Compound	Emission (µg/m ³)
1,1-Dichloroethylene	<4.0	Formaldehyde	5.7
1,4-Dichlorobenzene	<4.0	Hexane	<4.0
1,4-Dioxane	<4.0	Isophorone	<10.0
Acetaldehyde	<5.0	Isopropanol	<10.0
Benzene	<4.0	Methyl Chloroform	<4.0
Carbon Disulfide	<10.0	Methylene Chloride	<4.0
Carbon Tetrachloride	<4.0	Methyl tert-butyl Ether	<10.0
Chlorobenzene	<4.0	N,N-Dimethylformamide	<10.0
Chloroform	<4.0	Napthalene	<4.0
Epichlorohydrin	<1.0	Phenol	<10.0
Ethyl Benzene	<4.0	Propylene glycol Monomethyl ether	<10.0
Ethylene Glycol	<4.0	Styrene	<4.0
E.G. Monoethyl ether	<4.0	Tetrachlorethylene	<4.0
E.G. Monoethyl ether acetate	<4.0	Toluene	<4.0
Ethylene glycol Monomethyl ether	<4.0	Trichloroethylene	<4.0
E.G. Monomethyl ether acetate	<4.0	Vinyl Acetate	<4.0
		Xylenes	<12.0

Lab# 262554

All chemicals of concern were found to be under the CAL 1350 required criteria at the 11, 12 13, and 14 day marks indicating the material as submitted meets the requirements set forth under CAL 01350.

APPROVED BY:

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