



### TEST REPORT

DATE: 06/13/2013

TEST NUMBER: 158052

CLIENT	Smartwood Flooring System
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TEST METHOD CONDUCTED	ASTM D3459 Cycled Environments on Wood
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	3.2mm Oak Veneer on 12mm Wood/Stone Composite Base

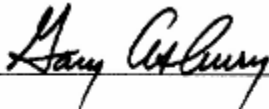
#### GENERAL PRINCIPLE

The submitted sample was examined stereoscopically with the appearance digitally recorded. The specimen was then allowed to acclimate in laboratory conditions of 70° F and 50% relative humidity for 48 hours and subsequently measured. The original length and width measurements were recorded. The specimen was placed in 95% humidity at 100° F for 48 hours, the sample was removed and immediately re-gauged. The specimen was then exposed to 0% humidity and 120° F for 48 hours, the sample was removed and immediately re-gauged. This cycle was conducted on one sample with measurements made at each condition. The appearance of the wood layer and wear layer was examined and compared against the original condition. All stages are reported.

#### TEST RESULTS

	Original	1 Cycle Humid	1 Cycle Dry	2 Cycles Humid	2 Cycles Dry	3 Cycles Humid	3 Cycles Dry	4 Cycles Humid	4 Cycles Dry
Length (inches)	22.933	22.946	22.910	22.943	22.916	22.949	22.914	22.944	22.915
Width (inches)	7.497	7.565	7.475	7.524	7.468	7.521	7.473	7.521	7.472
Thickness (inches)	0.612	0.761	0.579	0.569	0.576	0.575	0.571	0.605	0.570
Weight (grams)	1531.50	1707.80	1496.05	1714.19	1495.15	1721.10	1483.19	1637.12	1480.20

*\*NOTE: No face or finish cracking and no ply separation. Very slight doming was present from the exposure.*

APPROVED BY: 

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