



TEST REPORT

DATE: 02-10-2020

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TEST NUMBER: 0263998

CLIENT	PID Floors
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TEST METHOD CONDUCTED	ASTM D3459 Cycled Environments on Wood
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Foundation Line
CONSTRUCTION	Engineered Wood
REFERENCE	Grace

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
Length (inches)	12.024	12.029	12.026	12.031	12.024	12.032	12.026
Width (inches)	5.514	5.519	5.512	5.521	5.510	5.520	5.508
Thickness (inches)	.466	.471	.468	.473	.467	.469	.465
Weight (grams)	342.12	366.60	317.68	365.28	316.94	364.88	320.53

NOTE: There was no face or finish cracking and no ply separation. There was 1 mm of edge lift present resulting from the cycled exposure.

APPROVED BY:

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