

TEST REPORT

CLIENT PID Floors

TEST METHOD CONDUCTED ASTM D3459 Cycled Environments on Wood

DESCRIPTION OF TEST SAMPLE				
IDENTIFICATION	TM Lacquer Collection			
REFERENCE	TMW51			

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)	11.749	11.753	11.746	11.756	11.744	11.759	11.746
Width (inches)	7.489	7.493	7.484	7.491	7.480	7.488	7.482
Thickness (inches)	0.568	0.572	0.565	0.575	0.564	0.578	0.567
Weight (grams)	423.26	468.65	432.93	474.31	425.92	475.10	426.45

*NOTE: The exposed specimen showed slight face cracking and slight doming (0.5mm). There was no ply separation and no finish cracking.

APPROVED BY:

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