

CLIENT: Pacific South East, Inc.
5990 Vista De La Luz
Woodland Hills, CA 91367

Test Report No: RJ3113	Date: March 19, 2014
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SAMPLE ID: Five pieces of Thermo Mahogany measuring 102mm x 102mm x 25mm thick.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on March 18, 2014.

TESTING PERIOD: March 18, 2014.

AUTHORIZATION: QAI Test Proposal Number MB-2014-031301 dated March 13, 2014 signed by Irwan Hiuriono.

TEST PROCEDURE: Testing was performed in accordance with ASTM C 1028-07^{e1}, *Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method*, using the "as received" dry method only. Detailed test procedures and methods are provided on page 2 of this report.

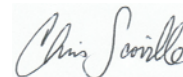
TEST RESULTS: Detailed test results are provided on page 2 of this report

Prepared By



Larry Burmer
Project Leader-Physical Testing

**Signed for and on behalf of
QAI Laboratories, Inc.**



Chris Scoville, M.Sc.
Operations Manager



STATIC COEFFICIENT OF FRICTION TEST PER ASTM C 1028

Test Procedure

Three 102mm (4 inch) x 102mm (4 inch) x 25mm (1 inch) thick specimens were required for the test. An aluminum sled, with a 76mm (3-inch) x 76mm (3-inch) x 3mm (1/8-inch) thick piece of neolite sole liner adhered to the underside of the sled, was individually placed in contact with the surface of each test specimen. A 50-lb (22 kg) weight was then placed on top of the sled. Using a dynamometer, the force required to cause the initial slippage of the neolite sled assembly (with the weight) was measured. Four measurements were taken for each test surface, with each measurement perpendicular to the previous, and averaged to obtain the static coefficient of friction.

Test Results

As Received							
Test Condition	Specimen No.	Force Direction				Average (lb)	Static Coefficient of Friction (SCOF)
		N	E	S	W		
Dry Neolite	1	42.5	44.0	46.0	42.5	43.8	1.06
	2	44.5	46.0	43.5	47.5	45.4	
	3	39.0	45.0	43.5	44.0	42.9	

For reference only: Department of Justice ADA Title III Regulation 28 CFR Part 36, Appendix Section A4.5.1 recommends a minimum of 0.60 SCOF for horizontal surfaces and a minimum of 0.80 SCOF for ramps.

******End of Report******