

TorTestSM Floor Friction Testing Service
SOTTER ENGINEERING CORPORATION
Consultants

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*Licensed by the State of California
Board of Professional Engineers
And Land Surveyors*

*Approved by the City of Los Angeles
for testing slip resistance of flooring*

Flooring Slip Resistance Test Results

Client: **Western National Property Management – Wood Canyon** Report date: 1/15/14
Flooring: Pool Deck area at Wood Canyon
Page 1 of 1 Test no.: 1401-1523 Date tested: 1/15/14

ANSI B101.1 Static Coefficient of Friction Test

The American National Standards Institute (ANSI) published the B101.1 American National Standard test for measuring wet static coefficient of friction (SCOF) of common hard-surface floor materials in 2009.

Average Static Coefficient of Friction, as found, with Neolite rubber slider:

Between pool and office: Wet: 0.96; Individual test values wet: 0.97, 0.94

Right hand side pool stairs (facing jacuzzi): Wet: 0.89; Individual test values wet: 0.88, 0.90

Below stairs to jacuzzi: Wet: 0.93; Individual test values wet: 0.96, 0.90

Near BBQ area: Wet: 0.91; Individual test values wet: 0.90, 0.91

Newlook stained area near business center: Wet: 0.90; Individual test values wet: 0.88, 0.92

High static coefficient of friction values indicate potentially good traction. The ANSI B101.1 standard recommends a **minimum** average SCOF of **0.60** for level floors for high traction and a “lower probability of slipping”. Average SCOF between 0.40-0.59 is defined as “moderate traction” and an “Increased probability of slipping”. Flooring with values in this range should “Monitor SCOF regularly and maintain cleanliness. Consider traction-enhancing products and technologies”. Values of less than 0.40 have “minimal available traction” and a “higher probability of slipping.” Slip resistance can be affected by factors such as floor coatings, abrasives, detergents, contamination, chemical treatments, and wear. Copies of the BOT-3000 test data printouts can be sent to the client upon request. **This test does not evaluate hydroplaning potential and is not recommended for assessing pedestrian safety. For more information on static COF testing, please see www.C1028.info**

Respectfully submitted,
SOTTER ENGINEERING CORPORATION



J. George Sotter, P.E., Ph.D.
President



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