TorTest℠ Floor Friction Testing Service
SOTTER ENGINEERING CORPORATION
Consultants

26705 Loma Verde, Mission Viejo, CA 92691
Telephone: 949-582-0889 FAX: 949-916-2193

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: Assessment for Sustainable Slip Resistance (SSR)

Client: Silva Non Skid Solutions
Flooring: Resin-Based Non-Skid black
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Date tests completed: 9/4/2014
Report date: 9/4/2014
Size: 6 inches x 10 inches
Sample no.: 1409-0421
Number of pieces tested: 1
How and when sample obtained: Supplied by client 9/1/2014

Ceramic Tile Institute of America pendulum test based on ASTM E 303, before and after wet abrasion using a 3M heavy duty green pad loaded with 1000 grams (2.2 lb) of weight. This report applies to the samples tested only.

Wet Pendulum Test Value with Four S hard rubber slider:

Cycles of abrasion:	**0**	**500**	**1000**	**2000**	**3000**
Pendulum Test Value, wet:	**72**	**68**	**66**	**61**	**61**

High Pendulum Test Values indicate potentially good traction. The Ceramic Tile Institute of America recommends a **minimum Pendulum Test Value (PTV) of 36 for level floors**. Flooring with PTVs of 25-35 have "moderate slip potential," and 0-24 have "high slip potential." Slip resistance can be affected by factors including but not limited to installation, surface treatments and sealers, detergents, abrasive pads, contamination, and wear.

The abrasion method is used to assess the propensity of flooring to lose wet slip resistance. A typical specification for Sustainable Slip Resistance of new flooring is that the wet PTV after **500 cycles of abrasion** should be **35 or higher**.

This Sustainable Slip Resistance test may not predict accurately the long-term sustainable slip resistance in a specific case since it is affected by the factors named above. Periodic monitoring is recommended to assess any changes in slip resistance. For more information on Sustainable Slip Resistance please see

http://www.safetydirectamerica.com/SustainableSlipResistance.html

Respectfully submitted,
SOTTER ENGINEERING CORPORATION

George Sotter

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