

**TorTest<sup>SM</sup> 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: LifeFloor

Report date: 3/24/16

Flooring: **Bluestone (Heron) Slate – 3/8”**

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Sample no.: 1603-2421

Samples tested: 1

Date tested: 3/24/16

How and when samples obtained: Supplied by client 3/22/16

#### **Ceramic Tile Institute of America pendulum test**

The pendulum is the national standard test method for pedestrian slip resistance in 49 nations on five continents and has been endorsed by Ceramic Tile Institute of America since 2001.

#### **Pendulum Test Value, as received, with TRL (55) soft slider:**

**Dry: 119      Wet: 39**

Individual values wet (3 directions): 38, 37, 43

High Pendulum Test Values indicate potentially good traction. The Ceramic Tile Institute of America recommends a **minimum** pendulum test value of **36** for level floors. Slip resistance can be affected by factors such as floor coatings, abrasives, detergents, contamination, chemical treatments, and wear. Values of 25-35 are classed as “moderate slip potential”. Values of 0-24 have “high slip potential”.

Respectfully submitted,  
SOTTER ENGINEERING CORPORATION



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



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