

American Floor Safety Alliance Introduces New Pendulum-Based Floor Safety Testing Standard

A new standard designed to help building owners, architects, and safety professionals accurately measure and manage slip resistance in the built environment.



Miami, Florida Mar 9, 2026 ([IssueWire.com](https://www.issuewire.com)) - The American Floor Safety Alliance (AFSA) has announced the release of **ASTM FS101-25**, a new pendulum-based test method designed to improve how floor slip resistance is evaluated in buildings across the United States.

The standard represents a major step toward bringing clear, practical, and scientifically grounded floor safety evaluation tools to architects, building owners, safety professionals, and facility managers.

Slip and fall incidents remain one of the most common sources of injuries in commercial and public environments. Preventing these accidents begins with understanding how floors actually perform under real walking conditions.

The **AFSA FS101-25** method provides a consistent way to measure that performance.

A Practical Approach to Measuring Floor Safety

The FS101-25 method uses a pendulum-based device to simulate the interaction between a pedestrian shoe sole and the floor surface. By measuring the friction generated during this simulated slip motion, the test provides an objective indicator of how much traction a walking surface offers.

This approach reflects testing practices that have been widely used in many parts of the world to evaluate pedestrian walkway safety.

Pendulum testing measures the **dynamic interaction between footwear and flooring**, replicating the sliding motion that occurs during an actual slip event.

By focusing on dynamic friction—rather than static measurements—the method helps identify surfaces that may become hazardous when wet or contaminated.

A Collaborative Effort to Improve Walkway Safety

The American Floor Safety Alliance was formed by professionals dedicated to advancing safer walking environments through **independent research, practical standards, and education**.

AFSA members specialize in measuring slip resistance and evaluating floor safety in real-world environments. The organization's work focuses on developing tools that help identify potential hazards early—before accidents occur.

Through the publication of standards such as FS101-25, AFSA aims to support:

- Architects and designers selecting safe flooring materials
- Property owners responsible for public safety
- Risk managers and insurers evaluating walkway conditions
- Municipal officials working to improve building safety

From Measurement to Prevention

Accurate testing is one of the most effective tools for reducing slip-and-fall incidents.

Reliable slip resistance measurements allow organizations to:

- Evaluate flooring materials prior to installation
- Monitor changes in traction as surfaces wear over time
- Identify areas that may require maintenance or improvement
- Implement targeted solutions to reduce slip hazards

By providing measurable, repeatable data, testing allows safety decisions to be based on objective evidence rather than assumptions.

Supporting Safer Built Environments

The introduction of the **AFSA FS101-25 Pendulum Test Method** reflects a broader commitment to improving how floor safety is understood and managed.

As awareness of slip-related injuries continues to grow, the availability of reliable testing standards will play an important role in helping organizations create safer environments for employees, customers, and the public.

The American Floor Safety Alliance encourages industry professionals to incorporate objective testing as part of a proactive approach to walkway safety. Safer environments begin with better measurements.

About the American Floor Safety Alliance

The American Floor Safety Alliance (AFSA) is an independent organization dedicated to advancing pedestrian safety through research, testing standards, and education related to slip resistance and walkway safety. AFSA works with industry professionals to promote practical solutions that help prevent slip-and-fall accidents in buildings and public spaces.

For more information about AFSA or the FS101-25 pendulum test method, visit www.afsahub.com.

Media Contact

Walkway Friction Testing

*****@wmgsouthfl.com

1 (833) DIAL WMG

4350 SW 59th Ave. Unit 15

Source : AFSA

[See on IssueWire](#)