



Leading Edge

Protecting Your Business for a More Sustainable Future

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placed by 12 p.m. EASTERN TIME

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Avoid OSHA #1 reportable "Trip, slips and falls."

According to the National Safety Council, slips, trips, and falls remain one of the leading causes for work related injuries in the United States.

The slip resistance of floors and pavements is the measure of the ability of a surface to prevent accidental slipping by pedestrians in dry or wet conditions. Inspectors, especially those who perform commercial inspections, can benefit from learning about the details of slip resistance, especially when the lack of it presents a serious safety hazard.



Slip resistance is important because it prevents against slip-and-fall accidents, which cause needless physical and emotional trauma -- as well as financial hardship through medical expenses and lost work -- to the injured person. The party found legally responsible -- typically, the property owner -- may face stiff liability payouts, legal defense costs, insurance premium hikes, increased administrative costs, and a damaged reputation within the community. All told, these accidents and their resulting lawsuits cost all parties enormous sums of money and inconvenience, and they're common, too; according to the Occupational Safety and Health Administration (OSHA), they constitute the **majority of general industry accidents and cause 15% of all accidental deaths**. For these reasons, inspectors and their clients can benefit from learning the basics of slip-resistant flooring.

Critical to understanding slip resistance is a metric used to gauge the slipperiness of the floors in a building: the coefficient of friction (COF) represents the resistance to movement between two objects -- in this case, a human foot and a flooring material. Sophisticated devices, such as the BOT-3000E Tribometer. The Tribometer measures coefficient of friction obtain (COF) by dividing the measured horizontal resistance to the vertical, downward force. High COFs indicate greater friction and less slipping and conforms to ANSI and ASTM standards.

By teaming up with Unconventional Solutions, our inspectors can advise you on the best course of action to take to prevent slip-and-fall accidents and the associated personal and financial consequences. These steps may include **chemical etching, abrasive treatments, finishes and coatings, and more.**



DATES TO REMEMBER

October 14
AMPP Eastern Conference 2024
(Grand Rapids, MI)

Eastern AMPP Golf Outing at the Mines
(Grand Rapids, MI)

USI Customer Appreciation Event
(Amway Grand Hotel)

November 6-7
AUCSC Planning Meeting
(Coraopolis, PA)

November 7
Appalachian Underground Short Course Program (Coraopolis, PA)



USI Fast Cure Line Striping is a two component solvent based epoxy coating that exhibits excellent characteristics for abrasion resistance, chemical resistance,

and substrate penetration. This product is suitable as a primer for high build coatings and urethane or as a stand-alone coating. **RECOMMENDED FOR:** Recommended priming or coating concrete, wood or steel. This product can withstand exposure to many common solvents and chemicals.

Colors Available: Yellow, Black, Red, White

OSHA recommends yellow paint stripes to mark aisles and passageways, and to indicate



USI White Aluminum Oxide 46 Grit

USI Group White Aluminum Oxide media is 99.4% pure for tough, quick-cutting blasting, cleaning & non-skid applications. Cosmetic-grade

White Aluminum Oxide available.

Additive provides an extremely aggressive, tough, durable long lasting anti-slip surface.



USI Moisture Vapor Barrier is a two component 100% solids epoxy seal coat that can help control moisture vapor emission rates up to 20 lb/24hr/1000 ft².

Recommended for indoor horizontal concrete. The mixed material can be applied by brush or roller.

PRODUCT FEATURES

- Vinyl Sheets
- Tiles
- Cementitious Overlays
- Terrazo
- Wood Veneers
- Carpet
- Polymeric Coating Systems.



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Repair - Protect - Upgrade

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