



# National Floor Safety Institute (NFSI) Certification of Scotchgard™ Stone Floor Protector

Tech Update

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Scotchgard™ Stone Floor Protector was recently submitted to NFSI for testing to be certified as providing “high-traction”. NFSI product certification is intended to provide product manufacturers the means to have their products independently evaluated for wet slip resistance.

NFSI evaluation consisted of the following process:

- Scotchgard™ Stone Floor Protector was installed in a real world (Test Site) application and maintained for 30 days
- After the 30 day test period, Scotchgard™ Stone Floor Protector was tested in accordance with ANSI B101.1 (Test Method for Measuring Wet SCOF of Common Hard-Surface Floor Materials).

**The NFSI evaluation of Scotchgard™ Stone Floor Protector determined the wet static coefficient of friction (SCOF) was greater than 0.60. Based on the SCOF value, Scotchgard™ Stone Floor Protector has been certified by NFSI as providing “high-traction”.**

A wet SCOF of greater than 0.60 was chosen by NFSI as the criteria for “high traction” because according to NFSI, floor surfaces maintaining this level of slip resistance when wet have proven to reduce slip-and-fall claims by between 50% and 90%. ANSI B101.1 specifies three traction ranges according to the measured wet SCOF: High Traction, Moderate Traction, and Minimal Available Traction. The three ranges are summarized in the table below taken from the ANSI/NFSI B101.1-2009 Standard.

Wet SCOF Value ( $\mu$ )	Available Traction	Remediation
$\mu \geq 0.60$	High Traction - Lower probability of slipping	Monitor SCOF regularly and maintain cleanliness.
$0.40 \leq \mu < 0.60$	Moderate Traction - Increased probability of slipping	Monitor SCOF regularly and maintain cleanliness. Consider traction-enhancing products and technologies.
$\mu < 0.40$	Minimal Available Traction - Higher probability of slipping	Seek professional intervention. Consider replacing flooring and/or coating with high-traction products.



Scotchgard™ Stone Floor Protector is now listed on the NFSI website as a certified product. The certification is good for three years and can be recertified at that time. During this period, the NFSI certification logo may be used on any literature, presentations, etc. involving Scotchgard™ Stone Floor Protector. More information on the NFSI certification process and use of the NFSI certification logo can be found on their website at [www.nfsi.org](http://www.nfsi.org).



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