

ANSI/NFSI B101.3-2012

American National Standard

B101.3 Test Method for Measuring Wet DCOF of Common Hard-Surface Floor Materials (Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values)

Secretariat



National Floor Safety Institute
P.O. Box 92607
Southlake, TX 76092
(817) 749-1700
standards@nfsi.org

Approved January 18, 2012
by
American National Standards Institute, Inc.

American National Standard

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Published January, 2012 by

National Floor Safety Institute
P.O. Box 92607
Southlake, Texas 76092
(817) 749-1700 www.nfsi.org

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Printed in the United States of America

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Peter Ermish (P)

Larry Gallant (Alt.)

Tom Baird

Scott Parkhurst

Steven C. Spencer

Noah Chitty

Howard Harris, M.D. (P)

Brent Johnson (Alt.)

At the time it approved this standard procedure, the B101.3 subcommittee had the following members:

Chairman

Peter Ermish

Organization Represented

Batterman Engineering

Nu-Safe Floors

Regan Scientific Instruments, Inc.

Tile Council of North America (TCNA)

Representative

Scott D. Batterman, Ph.D., P.E.

Ken Fisher

Peter Ermish (P)

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Table of Contents

Section 1: Scope/Purpose/Application/Exception	6
1.1 Scope	6
1.2 Purpose	6
1.3 Application	6
1.4 Exceptions	6
Section 2: Reference to other Standards and Publications	6
Section 3: Definitions	7
Section 4: Test Procedure.....	8
4.1 Testing Device.....	8
4.2 Measuring the Reference Check Tile	8
4.3 Measuring the Wet DCOF of Uninstalled Flooring Material (Lab Procedure)	8
4.4 Measuring the Wet DCOF of Installed Flooring Material (In-Situ Procedure)	10
Section 5: Calculations/Data Interpretation	11
Section 6: Test Report	12
Section 7: Safety & Environmental Information	12
7.1 Potential Hazards in Test Area Vicinity	12
7.2 Testing Environment	12
Appendix A	14
Attachment A.....	16
Attachment B.....	17
Attachment C.....	18

Test Method for Measuring Wet DCOF of Common Hard-Surface Floor Materials

(Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values)

Section 1: Scope/Purpose/Application/Exception

1.1 Scope

This test method specifies the procedures and devices used for both laboratory and field testing to measure the wet dynamic coefficient of friction (DCOF) of common hard-surface floor materials.

1.2 Purpose

This test method provides a measurement procedure setting forth DCOF ranges which facilitate remediation of walkway surfaces when warranted.

1.3 Application

This test method does not apply to carpeting of any type, however does address the common hard-surfaced flooring materials such as: ceramic and porcelain tile, polished concrete, stone, vinyl floor coverings, wood and synthetic laminates, and such materials with coatings or polishes applied.

Note: This test method does not purport to address all of the safety concerns, if any associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. No express or implied representation or warranty is made regarding the accuracy or significance of any test results in terms of slip resistance.

1.4 Exceptions

This test method is not recommended for dry surface testing and does not propose to be an accurate measurement method for determining dry surface slip resistance. Dry surface test data should not be compared to wet surface data. No inferences should be implied or concluded regarding dry vs. wet DCOF test results or data.

Section 2: Reference to other Standards and Publications

The specification for the SBR sensor material called for in this standard is covered by the following DIN Standards: 53273, 53479, 53504, 53505, 53507-B, 53516. See attachment "A" for the related values.

NFSI: Inter-Laboratory Study (ILS) for Tribometers Designed to Measure the Wet Dynamic Coefficient of Friction (DCOF) of Common Hard Surfaced Walkways