



Reduce Your Risk![®]

Independent Slip Testing Services

GLOBAL PRODUCT CLASSIFICATION

TEST REPORT

**SLIP RESISTANCE CLASSIFICATION OF
NEW PEDESTRIAN SURFACE MATERIALS
AS/NZS.4586:2004**

Appendix B - Dry Friction Testing

Prepared For:

Advance Flooring Company

Product Description:

Neoflex (with Fresh Finish)

Test Date:

26-08-2015



Independent Slip Testing Services

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Report Prepared for: Advance Flooring Company
 PO Box 13184
 Auckland 1643 New Zealand

Page #: 1 of 1
Contract #: 8006

Test Date: 26/08/2015
Test Site: Independent Slip Testing Services- Slip Resistance Facility (Onehunga)
Testing Technician: M.Richardson
Testing Instrument: Tortus Dry Floor Friction Tester with 4S rubber
 Testing Instrument D6- Serial #: 329

TESTING SPECIMEN DESCRIPTION, SIZE, COLOUR, TYPE, & COATING (if applicable)			
1. 5 x Neoflex (with Fresh Finish), Black Vinyl, 30x30cm			
Surface Condition:	Fine textured	Cleaning:	With a dry lint free cloth
Fixed/ Unfixed:	Unfixed	Rz Mean:	n/a
Environmental Conditions:	Internal- Non air conditioning	Air Temp:	20 deg.C
Direction of Test:	As indicated on underside of sample	Slope:	n/a

AS/NZS.4586:2004

INTERPRETATION OF THE WET PENDULUM RESULTS		
CLASSIFICATION	FLOOR FRICTION TESTER MEAN VALUE	NOTIONAL CONTRIBUTION OF THE FLOOR SURFACE TO THE RISK OF SLIPPING WHEN DRY
F	≥40	Moderate to Very Low
G	< 40	High to Very High

TEST RESULTS

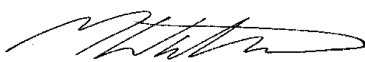
Specimen Test Run #1 result: 1.05
 Test Run #2 result: 0.94

CLASSIFICATION

CLASSIFICATION	# Mean COF Rounded to 0.05	NOTIONAL CONTRIBUTION OF THE FLOOR SURFACE TO THE RISK OF SLIPPING WHEN DRY
F	1.00	Moderate to Very Low

Results Comments:

- * Indicates an individual test run registered below 0.40
 - ** Indicates a test sector of an individual test run is < 0.35; resulting in a compulsory "G" classification
 - # The mean result of Test 1 & 2 is rounded to nearest 0.05
- nb. Test specimens are disposed after 1 month if not collected by client


 Signatory: Mick Walton

DISCLAIMER:
 ISTS accepts no civil liability or responsibility for any actions whatsoever that may arise as a result of the tests and the publication and issue of this test report. The test report is intended for viewing purposes solely for the named recipient identified above. The slip test report remains the property of ISTS. This report contains privileged and confidential information.
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 NATA Accreditation #14967



Testing was carried out using the Dry Friction Test Method in accordance with New Zealand Standard AS/NZS.4586:2004



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DRY TEST RESULTS INTERPRETATION GUIDE (NZ)

INTERPRETING DRY TEST RESULTS

- Step 1** Note the 'Contribution to Risk' result (on-site testing) or 'Classification' result (samples testing) on the test report.
- Step 2** Compare the results to the recommended classification of 'Moderate to Very Low' contribution to risk or 'F' classification in Table 1.

TABLE 1 Interpretation of the dry floor friction results

Test Result Mean Value (COF)	Contribution To Risk Result (AS/NZS.4663:2004)	Classification Result (AS/NZS.4586:2004)
≥ 0.40	Moderate to Very Low	F
< 0.40	High to Very High	G

TREATMENT OPTIONS

For test results that achieve a result below the recommendations the following are options to increase slip resistance and reduce your risk.

- 1. Cleaning procedures** Detergent residue build up or other contaminants
- 2. Surface sealers** Lifecycle, application of sealer, product performance
- 3. Anti-slip treatments** Coatings, etchants, sandblasting, etc.
- 4. Surface replacement** Surface suitability

For treatment suppliers in your local area search the internet for options listed above or in the yellow pages 'flooring treatments' section. ISTS recommends sourcing a number of detailed proposals when considering treatments, outlining expected slip resistance improvements, visual changes, clean ability and life expectancy.

*The information provided is intended as a guide only, consult the referenced publications for further information in regards to measurement results and recommendations

FREQUENTLY ASKED QUESTIONS

- 1. The mean test average is ≥0.40, however the reported result is 'High to Very High' risk or 'G' classification.**
 - A1. Individual test run achieved >0.35. The mean of the test results should be equal to or greater than 0.40 and each individual result should be ≥ 0.35. If either of this criteria is not met, the lot shall be considered to be classification 'G' or 'High to Very High risk'
 - Nb. Each test run consists of 8 individual tests.
 - ISTS reports note the following
 - * Indicates an individual test run registered below 0.40.
 - ** Indicates a test sector of an individual test run is <0.35 (resulting in a compulsory 'High to Very High' contribution to risk).
 - A2. Sloped Surfaces. The midpoint of the 'Moderate to Very Low' risk range increases for sloped surfaces. The greater angle of slope to a greater increase to the threshold.
- 2. Why are test results rounded to the nearest 0.05?**
 - A. As described in the relevant standards, the mean result of Test 1 & 2 is rounded to nearest 0.05
- 3. What is the classification for locations as stated in publication HB197**
 - A. This handbook does not provide any interpretation of dry slip test results.
- 4. How about dry testing for external areas?**
 - A. Dry slip resistance measurement does not apply to external surfaces, wet testing is the appropriate test method.
- 5. How do I improve the slip resistance of a surface achieving 'High to Very High' risk or 'G' classification**
 - A. Many treatments and procedures are available. Treatment options will vary depending on the type of surface and whether a sealed or unsealed finish is required. Following is a list of options to improve slip resistance and Reduce Your Risk.



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TEST PRODUCT IMAGE

Product Description: Neoflex (with Fresh Finish)

Test Date: 26/08/2015

