



**BUREAU
VERITAS**

SLIP TESTING

Measuring Pedestrian Surfaces for Slip Resistance

BUSINESS CHALLENGE

With the variety of designs, materials and applications of floor surfaces available, not all are appropriate for all conditions. Heavy traffic or environmental conditions can degrade a previously safe surface to the point where it poses a hazard.

This risk needs to be identified and rectified before an accident can potentially occur.

SOLUTION

What is Slip Testing?

The term “Slip Testing” covers several methods used to determine how much a surface contributes to the risk of slipping.

The most versatile of these is the Wet Pendulum test method, which allows both pre-installation testing of tiles and similar floor surfaces, as well as in situ testing of surfaces such as asphalt and textured coatings.

What are the key benefits?

Slip testing can be used to ensure your products meet the recommended minimum values set forth in Handbook 197:1999— an introductory guide to the Slip Resistance of Pedestrian Surface Materials.

This document is the only published guide in Australia that provides substantial and independent advice on minimum ratings. Having your product supported by CSIRO and Standards Australia recommendations provides peace of mind that you have done all that is possible to ensure that your product is suitable for its intended application.

Wet Pendulum testing, performed by Bureau Veritas, is NATA certified, increasing the quality of your product. The cost of testing is far outweighed by having your product backed up with certification should any accidents occur.

WHY CHOOSE BUREAU VERITAS?

Recognition Founded in 1828, Bureau Veritas is a world leader specialising in conformity assessment services related to Quality, Health, Safety & Environment (QHSE).

Certified to ISO 9001 for all of its activities globally, Bureau Veritas is well known for its ability to adapt to changing client environments and situations and for its commitment to providing leading solutions through quality service.

Knowledge & Expertise Through expert local teams and technical knowledge, Bureau Veritas are able to deliver packaged and targeted solutions and information, to support our clients' unique business requirements.

Network With a network of 900 locations, and over 40,000 employees in more than 140 countries, Bureau Veritas provides solutions to over 370,000 clients throughout the world across a diverse range of industries.



OUR APPROACH

The Bureau Veritas Adelaide Office provides laboratory testing of tiles, stair nosing and similar flooring units.

A testing officer can also perform on site testing for installed units, concrete flooring, textured slip resistant coatings and other in situ applications.

While this service is based in Adelaide, Bureau Veritas is willing to travel to any major city to provide on-site testing.

FAQ – FREQUENTLY ASKED QUESTIONS

What recognised standard method is used to evaluate the slip resistance of surfaces?

Two Australian standards are used for this purpose.

AS/NZS 4586 Appendix A is used for the classification of new pedestrian surfaces, and AS/NSZ 4663 Appendix A is used for existing surfaces.

CASE STUDY

A swimming centre in Adelaide underwent replacement of change room floor coatings, but was unhappy with the results. Testing was performed on the previous, new and two other coating systems to determine the most appropriate solution given safety and cleaning requirements. With the help of our recommendations, a coating system was selected and no issues have occurred since.

RELATED SERVICES

Bureau Veritas AIRS can also offer:

- Determination of the mechanical properties of tiles and paving units

CONTACT

For details about this service, please contact Asset Integrity and Reliability Services

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