

Slip Resistance

STATS Consulting

- On-site surface evaluation
- Material and floor specifications

STATS Materials Laboratories

- Materials assessment for all flooring materials
- UKAS accredited testing

In our increasingly safety-aware and litigious culture, it is essential to ensure that all flooring and paving areas offer adequate slip resistance to prevent accidents.

The pendulum tester is the most widely used apparatus for assessment of slip and is the only method approved by the Health and Safety Executive for ensuring compliance with specifications.

Slip resistance is closely related to the texture of surfaces, assessed by measuring surface roughness. Roughness is critical, as this prevents the development of the thin film of water that promotes slip when wet.

STATS has the expertise and capability to evaluate the slip resistance of a wide variety of flooring materials:

- Stone, terrazzo and ceramic flooring tiles
- Precast concrete
- In-situ concrete
- Timber
- Profiled and/or coated metal surfaces

Slip testing can be undertaken either in the laboratory or on site. STATS' project experience includes slip assessment for and at:

- Public spaces – shopping and leisure centres, railway stations, highways and car parks
- Private developments – commercial, residential and leisure complexes

We can also offer guidance on minimising slip risk through maintenance and management of floors that could otherwise be unacceptably slippery.



Laboratory pendulum testing



Surface roughness assessment



On-site slip assessment

Contact: Dr Ian G Blanchard

STATS Limited

Porterswood House, Porters Wood
St Albans, Hertfordshire AL3 6PQ

Tel: 01727 833 261

Fax: 01727 798 613

Email: sst@stats.co.uk

