



Experts in Floor Testing Services

Over 20 years experience in testing floor profile, performance and durability.

Slip / Skid Testing ▶

We offer Slip/Skid resistance testing to assess the floors slip potential in workplace and public areas using the pendulum test method. Floors can be tested in-situ or flooring materials can be tested in our laboratory. Testing is in accordance with BS7976-2 and UKSRG guidelines.



◀ Surface Micro Roughness Assessment

Research has shown that measurement of the RZ parameter allows slipperiness to be predicted for a range of common materials a roughness reading can be used as supporting evidence with the results of a pendulum test. The roughness reading alone can also be entered into the HSE's 'Slip Assessment Tool' (SAT) to give a slip rating for your flooring.



▶ Surface Regularity

Surface regularity can be checked to 'BS8204 – Part 2:2003' straight edge Classifications SR1, SR2 and SR3. Also surface regularity checked to 'Concrete Society's Technical Report No. 34 2003' free movement specifications FM1, FM2, FM2 (Special) and FM3 and defined movement specifications DM1, DM2 and DM3 also Superflat, Category 1 and Category 2.



◀ Abrasion Resistance Testing

Used to check the Accelerated Abrasion resistance of a floor or screed as described in BS13892-4:2002 and checking against the limits found in BS8204.



▶ Relative Humidity Testing

Check whether the moisture level of the concrete has reduced to a value where flooring can be safely laid. The relative humidity of a concrete floor can be checked in accordance with BS8203:2001 or using the humidity sleeve method (Shown here).





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◀ Pull off Testing

Evaluate the pull off strength (adhesion) of a coating (e.g. screed or topping) from a rigid substrate such as a concrete or metal floor. Testing will be in accordance with the British and European standard BS EN 13892-8:2002.



▶ Drop Testing (BRE Screed tester)

To assess if your screed is adequately compacted and determine the probable performance in use. Testing will be in accordance with BS8204-1:2003.

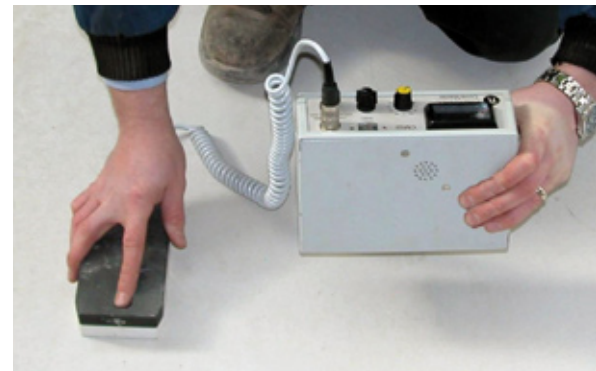


◀ Crack Surveys / Crack Monitoring

We are able to perform Crack Surveys which could be used as part of an investigation into the reasons for the formation of cracks in a floor. Cracks can be surveyed, measured and then mapped in AutoCAD for monitoring purposes.

▶ Cover Meter Surveys

Using an electromagnetic covermeter the position, depth, and size of reinforcement buried in concrete can be estimated. Testing can be carried out in accordance with the recommendations found in BS1881-204:1988.



◀ Bespoke Surveys

Level Surveys, Screw Levelling etc.
Using an Engineers Precise Level and Parallel Plate Micrometer and taking readings from an Invar Staff, level readings can be taken to 0.1mm accuracy.

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