

Winkhaus Laboratories

UKAS accredited testing for Doors and Windows



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Winkhaus Laboratories is a UKAS accredited test facility that provides independent and confidential assessments for doors and windows. Established in 1997, the Laboratory team have over 40 years of combined experience in testing, development and industry knowledge.

Winkhaus Laboratories Testing Services

Winkhaus Laboratories test data is accepted as evidence of compliance by certification houses in the UK. The extensive facilities enable them to carry out security, weather testing, durability and smoke seal according to the following specifications identified below.

Test Standards

BS6375-1: Weathertightness

Classification for weathertightness and guidance on selection and specification.

Tests available include:

- Air Permeability
- Watertightness
- Wind Resistance



Weathertightness

BS6375-2: Abusive Forces

Classification for operation and strength characteristics and guidance on selection and specification.

Tests available include:

- Operating forces test
- Resistance to vertical load test
- Resistance to static torsion test
- Racking (strength)
- Resistance to soft and heavy body impact test
- Resistance to load bearing capacity of safety devices
- Cycle test



Two cycle rigs

BS6375-3: Performance of doors and windows

Classification for additional performance characteristics and guidance on selection and specification.

Tests available include:

- Basic security test
- Closure against obstructions test



Mechanical loading test



Soft body test



Smoke control test



Enhanced security performance

PAS24:2022 Enhanced Security Performance Requirements

Doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk.

Tests available include:

- Manual Intervention tests
- Mechanical Loading tests
- Soft and Hard body impact test

BS EN1634-3 Smoke Control Test (Ambient Class)

Smoke control tests for door and shutter assemblies, openable windows and elements of building hardware.

TS 007 Enhanced Security Performance

A revised version of the Kitemark standard for replacement cylinders and or associated hardware.

Consultation & Development Days

Understanding your challenge is the starting point for most developments. If you are seeking advice on what testing is required to widen a product's accreditation or have a technical development that requires a new bespoke development, we are here to help.

In conjunction with our wider technical teams, we work with your technical teams to build and assess concepts. Development days can often save significant time in the development cycle prior to committing to full testing, allowing the proving or iteration of a design without the full cost and time sometimes associated with testing.

Accreditations & Memberships

Winkhaus Laboratories are UKAS accredited and can conduct a range of tests for both doors and windows. Winkhaus Laboratories are also a member of the British Measurement and Testing Association.

Contact

For further information please contact the laboratory on 01536 316006 or email test.lab@winkhaus.co.uk or visit us at winkhaus.co.uk/winkhaus-laboratories



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