

RTC

RESEARCH & TEST CENTRE

Quality is measurable

RESEARCH & TEST CENTRE - RTC**Research & Test Centre**

- Performance Tests
- Air permeability test
- Watertightness test under static and dynamic pressure
- Wind resistance under static and dynamic pressure
- Simulation of building movements due to earthquake or wind loads
- Mechanical testing of windows
- Loading tests to opening motors e.g. chain drive
- Impact tests
- Acoustic measurements
- Tension / Compression / Bending tests
- Adhesive tests
- Silicone-Structural-Glazing
- Tests to fittings
- Routine production control
- Simulation of installation

→ Testing facilities



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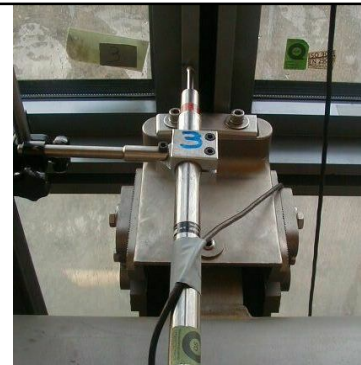


Performance tests on our outside testing facilities, e.g., vertical glazing and roof glazing



Single element testing on inside Test rig

- ↑ Out side test rig
- ↑ Inside test rig
- ↗ Roof glazing
- Impact test
- Temperature test
- Deflection measurement



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- ↑ Secondary steel construction of test rig
 - ↑ Installation test facade
 - ↗ Air permeability measurement / chamber leakage
 - ↗ Water resistance under dynamic pressure
 - Controlled dismantling
 - On site installation

→ Photos: Heathrow Airport Control Tower, BAA

