

# Commercial Air Tightness Testing Guide

**Please complete as many of the following items as possible to ensure a successful air tightness test\*:**

- Sealing of any ventilation paths, such as open flues, MVHR systems, air conditioning and HVAC units (this has not been included in the quotation and will require sealing prior to testing).
- Shutting down of any mechanical ventilation for the period of testing, if required (advice should be taken from the M&E contractor).
- Temporary sealing of intermittent extraction systems, including bathroom and kitchen extractors.
- Sealing of all service penetrations in the building envelope: ducts, waste pipes, svp's, cables, gas, oil, water and waste.
- Filling of all water traps, including toilets, sinks, showers etc.
- Wedging open all internal doors.
- Ensuring lift shaft vents are in the open position, lift doors to be closed but not temporarily sealed.
- A single operational personnel door is made available to set up fan equipment.
- There is access to either 110V or 240V mains electricity for the duration of the test.

**Prior to starting, BRNT will complete the following to ensure a successful air tightness test:**

- ✓ Inspection by a qualified engineer from BRNT of the building, including any temporary sealing.
- ✓ All envelope calculations (these are included as part of the quote).



Should you have any further questions please don't hesitate to get in contact. We are always happy to discuss the testing or requirements in more detail.

For a more comprehensive assessment, we can also offer a pre-test site visit and consultancy with written report as part of a complete package, helping you get the best from your building.

\*Please note; this document is for guidance only. It does not constitute legal advice and does not guarantee a pass during testing.

**Sound Test • Air Test • Ventilation Test • SAP • Consultancy**

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