

Domestic & Commercial

Uncontrolled ventilation in buildings through leakage paths around doors and window frames accounts for a significant proportion of heat loss, particularly as the insulation values of walls and glazing has improved. In order to control this energy loss, the Building Regulations has set standards in air permeability which must be achieved before Building Control can sign off on a premise.

Testing on all new developments is now mandatory. Building Control is the enforcing authority for the Regulations and it is the responsibility of the developer to organise an accredited testing company to conduct the necessary tests.

The Service

LK Accreditation Limited will work in accordance with the requirements outlined by the British Institute of Non-Destructive Testing and at all times carry out the required tests to the highest standards and with the professionalism that our clients are entitled to expect.

Our professional air tightness testing service includes a full proposal comprising a method statement and a clear quotation. This covers site requirements, proof of public liability insurance, professional indemnity insurance, a health and safety risk assessment covering substances which may be hazardous to health (such as smoke fluids), proof of staff training with regard to site safety (such as cscs cards) and appropriate personal protective equipment.

The following list is a break down of our service:

- Air tightness testing to check compliance with Building Regulations
- Fast response time from initial call out
- Consultation before during and after testing
- Employing diagnostic testing methods to accurately pinpoint problem areas
- A test pass certificate will be issued upon successful completion of test

Testing & Certification

Having an accredited BS EN ISO 9001:2000 quality system, LK Accreditation are qualified to carry out the formal air-permeability testing and certification to the required ATTMA 'TS1' standard.

Liaison

We liaise closely with site management to ensure that testing is conducted with the minimum of disruption. In addition to the actual testing, our service includes the calculation of the dwelling's 'air barrier envelope area', all necessary test preparation, such as temporary sealing of ventilation, and in the event of test-failure, we conduct a thorough inspection of the dwelling, using smoke testing techniques to locate the air leakage sites.

Early Testing

If a building fails an air-tightness test, it may be difficult to rectify the problem and therefore the expense of the build could increase substantially. This highlights the point that testing should be conducted early on in the building program so that should remedial work be required, the changes can be applied to every unit.

Further Information

For further information please contact Claire Armstrong on:

E: c.armstrong@thelkgroup.com

