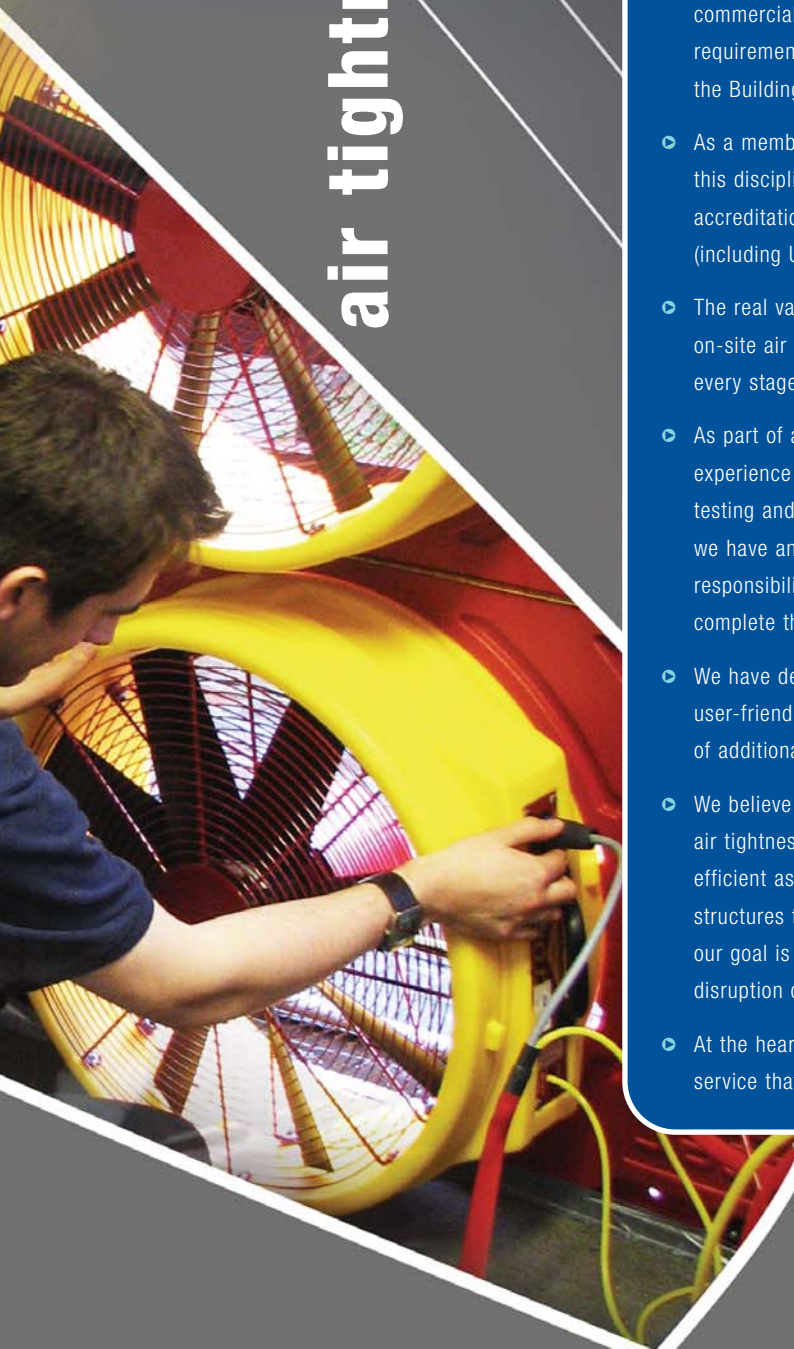


air tightness testing



why choose Chiltern Dynamics?

- Chiltern Dynamics is one of the most experienced air testing organisations in the UK.
- We provide nationwide air tightness testing of all commercial and domestic building types to meet the requirements of Approved Document L Parts 1 & 2 of the Building Regulations for England and Wales.
- As a member of ATTMA, the recognised authority for this discipline, we carry all the appropriate accreditations and registrations required for this testing (including UKAS and BINDT).
- The real value we offer to clients lies not only in the on-site air tightness test, but in helping our clients at every stage of the air tightness testing process.
- As part of an organisation with over 70 years' experience in providing practical solutions in the field of testing and consultancy for the construction industry, we have an unrivalled understanding of the responsibility (and pressures) our clients face to complete their projects on time and within budget.
- We have developed air tightness testing packages with user-friendly, fixed pricing structures, plus a wide range of additional support services.
- We believe in taking responsibility for ensuring that the air tightness testing process is as streamlined and efficient as possible. From user-friendly fixed pricing structures to a nationwide network of test engineers, our goal is to offer fast response times, with minimum disruption on site and immediate results.
- At the heart of what we offer is a dedicated level of service that is unmatched within the industry.

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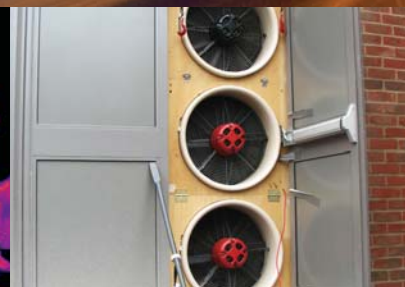
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committed to excellence



air tightness testing



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Chiltern International Fire and Chiltern Dynamics, as part of the BM TRADA Group, have more than 70 years' experience in providing practical solutions in the field of testing and consultancy for the construction industry. Chiltern Dynamics offers air tightness testing services.

As a UKAS-accredited member of the Air Tightness Testing and Measurement Association (ATTMA), and British Institute of Non-Destructive Testing (BINDT) registered, Chiltern Dynamics has been independently approved to carry out air tightness testing of all commercial and domestic building types to ATTMA Technical Standard 1 (required by the current revisions of Building Regulations Approved Document L Parts 1 & 2).

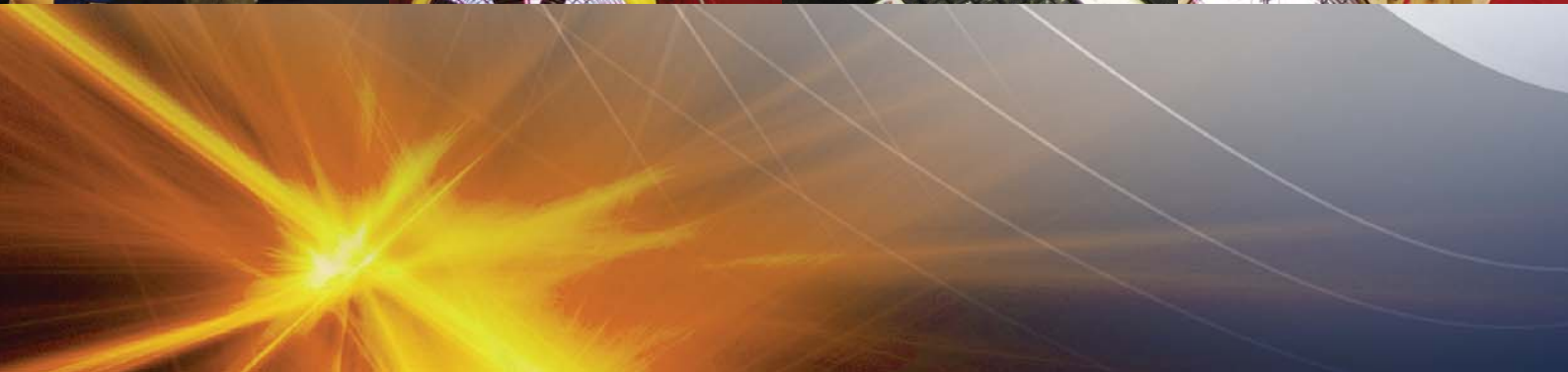
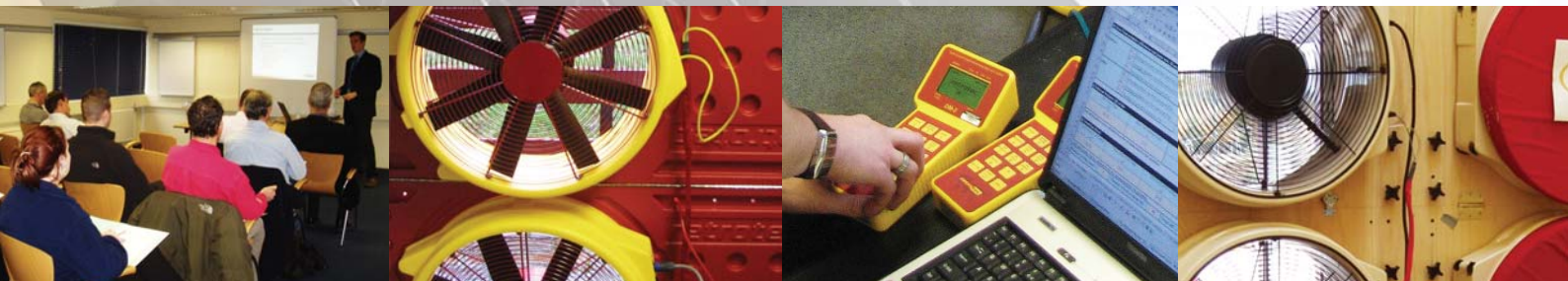
why air tightness testing is important

Air tightness testing measures air permeability, which is the uncontrolled flow of air both into and out of a building through gaps and cracks.

Uncontrolled air flow accounts for a large proportion of the energy wasted in buildings. By taking steps to achieve air tightness, contractors can help the government reach its target of a 60% reduction in carbon emissions by 2050. In doing so, contractors can demonstrate their commitment to the environment, and pass onto prospective clients the benefits of their energy-efficient buildings. These include substantial savings in energy bills, not to mention increased comfort levels as draughts and air infiltration have been resolved.

Air tightness is a key requirement of Approved Document L Parts 1 & 2 of the Building Regulations for England and Wales, without which, Building Control will not provide a Completion Certificate.

As energy efficiency requirements are set to become ever more stringent over time, understanding the most effective way to achieve and exceed air tightness compliance requirements simply makes good sense both now and in the future.



Chiltern Dynamics' air tightness testing services

We believe in offering our clients a completely streamlined route to achieving air tightness compliance. This is why we have developed air tightness testing packages with user-friendly, fixed pricing structures.

identification of test programme

Our commitment to our clients even applies to those who only come to us for quotations. Regardless of the size or scope of work, we offer no obligation quotes and are happy to discuss any questions potential clients may have.

Once we are asked to develop a test programme, we ensure that our test proposals present, in a clear and succinct manner, all the necessary information to gain building control acceptance.

site liaison

Once we receive approval to test, we proactively manage the testing process with respect to timings and budget. To do this, we liaise directly with site to ensure that everything is ready for the testing process. We also take time to explain what we will be doing and to answer any questions site managers/agents may have.

indicative result on site

As a UKAS-accredited testing organisation, our clients have the reassurance that we will carry out testing swiftly and efficiently to the very latest standards. Although we cannot provide a certificate on site (being accredited means all of our data needs to be rechecked by a qualified test engineer to ensure accuracy), we can give you an indicative result.

In the event that the test result is a fail, we always do our best to help clients find the source of the problem so that, with time permitting, same day remedial action can take place and retesting can be conducted.

test certificate(s) and bound report

Once our test data has been verified, we send out test certificates and relevant test reports in line with Building Regulations requirements, within 5 working days.



support services

We have developed a number of additional support services that are designed to assist our clients at every stage of the air tightness testing process.

design review

We can actively engage with our clients to identify potential weaknesses and recommend methods for improvement prior to build. As part of this service, we liaise with designers and architects to help them understand what elements of the design need to be addressed to ensure air tightness compliance.

pre-test site inspection

Prior to the official test, we can undertake a thorough inspection of any building(s) due to be tested. Any relevant details within the buildings can be documented in a comprehensive and illustrated report to assist our clients with any pre-test remedial work.

preparation of building

As part of our service to clients, we can also take on the responsibility for preparing any buildings for testing by sealing extraction and conditioning grilles. We have the materials and experience to do the job properly so that accurate test results are achieved first time.

thermographic survey for continuity of insulation

Part L not only considers air permeability but also continuity of insulation when looking at energy loss from buildings. As part of its services, Chiltern Dynamics offers thermographic surveys in accordance with the requirements of BRE IP1/06 as outlined in the Approved Document L.

training courses

We offer training for both office and site staff on air tightness compliance. Our courses can be offered in-house, on site, or as public courses. We also have technical information sheets on air leakage, which explain the requirements and process in greater detail.

building control liaison

As part of our goal to help our clients as much as possible with the process of air tightness compliance, we can liaise with Building Control, and with a NHBC (National House-Building Council) surveyor where necessary, to secure test proposal approvals prior to testing. Following a successful test result, if required, we can also submit the required documentation to Building Control.

air tightness testing

