

WHY CHOOSE US



- ✓ **Expertise:** Certified professionals with deep knowledge
- ✓ **Tailored Solutions:** Customised services for your needs
- ✓ **Seamless Process:** Easy from data collection to reporting
- ✓ **Regulation Compliance:** Stay updated with changing standards
- ✓ **Cost Savings:** Make informed decisions, save long-term



BUILDING COMPLIANCE TESTING



AIR PERMEABILITY
OR AIR TIGHTNESS
TESTING



ACOUSTIC SOUND
INSULATING
TESTING



SAP
CALCULATIONS



VENTILATION
TESTING



PASSIV HAUS /
LOW ENERGY
TESTING



OVERHEATING
CALCULATIONS



THERMAL
IMAGING



WATER
CALCULATIONS



In
Association
With



For further information or to book testing, please contact us

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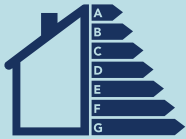
**FOR WHEN FAILURE
JUST ISN'T AN OPTION**



- Saves energy by preventing leaks
- Maintains comfortable indoor temperatures
- Stops moisture and mould issues
- Improves indoor air quality

Our Engineers

- Use blower door technology to identify and quantify sources of leakage within your structure



- Calculates energy use, emissions and assigns a rating
- Needed for new constructions, compliance and renovations under Part L
- Accurate energy assessments
- Optimise efficiency for new/existing buildings
- Provides insights to guide occupants' decisions

Our Offer

- Comprehensive energy certificates
- Showcase commitment to sustainability



- Overheating calculations assess whether a building or space is at risk of becoming uncomfortably hot, especially during warmer months. These calculations ensure buildings comply with Part O (TM59) of the building regulations
- Our team uses advanced modelling to identify overheating risks and deliver solutions that keep your projects cool and compliant



- Ensures compliance with Part E of Building Regulations
- Conducted for residential and commercial properties
- Reduces unwanted noise transfer

Our Services

- Comprehensive sound insulation testing offered
- Expertise available for both residential and commercial projects
- On-site collaboration and guidance provided
- Detailed and informative reports delivered



- Part F compliance necessitates ventilation system testing
- Tests both background and mechanical ventilation
- Ensures air flow meets minimum targets
- Aims for optimal indoor air quality

Testing Process

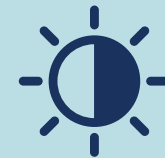
- Engineers measure air flow
- Confirms extractor fan performance for indoor air quality

Certificate and Reporting:

- Detailed airflow test results
- Comprehensive certificate provided



- For over 30 years, Passivhaus has been leading the charge in low-energy building, reducing ecological footprints and slashing energy consumption by a staggering 75%
- When testing a Passivhaus, both a pressurisation test and a de-pressurisation test are required.



- Thermal imaging is the only way of fully visualising the thermal performance of a building
- It visualises heat which is unseen by the human eye. It benefits from being non-contact so does not disturb the building fabric, it's fast to survey large areas and can provide instant results so discussions can be had on site
- Each image produced is made up of more than 600,000 temperature measurements allowing it to compare large areas and identify even the smallest difference in temperature to highlight possible defects



- Estimate water usage and flow in buildings
- Analyse appliance water usage
- Receive detailed certificates to show compliance with part G