



Nationwide Coverage
Call. 01382 228 700

Housing Stock Surveys

Using specialist thermal imaging equipment, energy loss from buildings can be seen and measured. Our experienced surveyors are equipped to provide a variety of surveys, from small individual properties to large-scale housing stock.

Tailored to your specific needs, the energy loss from walls, lofts and around windows and doors can be analysed. You will see the results of your survey in a clear, concise report with hi-resolution, full colour, fully calibrated images.

Our unique software can assess the amount of heat loss from your building and produce estimated additional energy, costs and CO₂ production from your defect.

Applications

- Assessment of large scale housing stock
- See heat loss from buildings
- Testing of insulation to insure the quality of work
- Prioritise refurbishment projects
- Quantify heat loss in terms of energy, cost & CO₂
- Energy Performance Certificates (EPC)
- Compare and contrast differing construction types
- Highlight energy efficiency issues to the public
- Raise "Green" profile of organisation
- Obtain funding through CERT (Carbon Emission Reduction Target)
- Locate leaks and defects
- Work with utility companies to promote energy efficiency
- Provide thermal images on utility bills
- 3D Thermal models of buildings

Survey Process

IRT Surveys offer a uniform professional service. Surveys are carried out by a qualified Infrared Surveyor during the hours of darkness with no disruption to the tenant. A thermal image is taken of the desired elevation and uploaded to our head office.

ITC trained analysts assess each image along with the provided building information. This data is then processed through our unique software which can quantify the energy values and produce an Energy Performance Certificate in conjunction with additional data.

This data is then presented as a report either in an Excel spreadsheet or individual Word document.

What can the thermal data tell you?

- Missing/Damaged Insulation
- Thermal bridging
- Delaminating render
- Porous brickwork
- Track leaks
- Air Leakage pathways
- Detect underfloor heating pipes
- Locate buried utilities
- Reveal hidden details



Sample Utility bill with thermal image.