



BER IRELAND

BUILDING ENERGY CONSULTANTS

Domestic Infrared Thermography

Thermography, or more commonly known as Thermal Imaging, is an essential tool for Builders, Architects, Surveyors, Local Authority Planners and Building Inspectors in today's climate of rising energy costs.

Thermal imaging can effectively detect building and/ or design faults that lead to energy losses, allowing cost-effective remedial work to be undertaken with minimum disruption.



A thermography survey allows the energy auditor to check the effectiveness of insulation in a building's construction. The survey will identify all areas of heat loss, dampness and air leaks in a building structure, providing clear evidence of construction faults. Infrared scanning is also a very effective tool in detecting water leaks in flat roofs.

A thermographic inspection is either an interior or exterior survey. The energy auditor will decide which method would give the best results under certain weather conditions. Interior scans are more common and generally more accurate.

A report is prepared based on the thermography survey which highlights all areas of energy loss that need attention. Recommendations are provided by our experienced team on the best manner to reduce these losses which will result in a more energy efficient and comfortable building.

Most common issues detected during thermography survey:

- Missing insulation in walls and ceilings
- Poor grade insulation
- Air infiltration around doors and windows
- Damp spots in external walls

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