



# BER IRELAND

BUILDING ENERGY CONSULTANTS

## Air Tightness Testing

Air tightness testing is now part of the Building regulations Part L 2007 and it applies to dwellings, where the work commences or takes place, on or after 1 July 2008. (*Exempted from this regulation are dwellings where the work commences before July 2008, or where planning permission has been applied for before June 30, 2008 and substantial work has been completed by July 1 2009.*)

The aim of the testing is to reduce energy losses from the dwelling in the form of air leakage. Building owners and occupiers should experience substantial savings in heating costs as the result.



The air tightness test, or pressure testing, is a non-destructive check of unwanted ventilation i.e. drafts, resulting from poor specification, materials and workmanship. A performance level of 10m<sup>3</sup>/ (hr.m<sup>2</sup>) is quoted in Part L as the 'reasonable upper limit for air permeability'.

The pressure testing process supplies air to a building at a variety of air flow rates and measures the resulting pressure differentials across the building. Internal and external temperatures and barometric pressure are also measured to provide corrected airflow rate measurements.

The measurements will be verified on site and results given. A full report is then issued, which will be required to confirm compliance with Part L.

Please contact us for more information and/ or to arrange one of our experts to carry out this service.

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