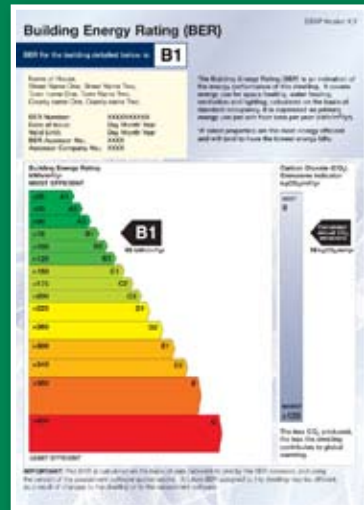


## WHAT IS A BER?

A Building Energy Rating or BER is similar to the energy label on your fridge with a scale of A-G. A-rated homes are the most energy efficient and G the least efficient.

From 1<sup>st</sup> January 2009, a BER certificate will be compulsory for all homes being sold or rented. If you are buying or renting a new house or apartment now, you may already be entitled to a BER – so ask the seller/landlord or their agent for it.



Along with the BER certificate, you will also receive an Advisory Report which will help you to identify how you might improve the energy performance of your home.

## WHO IS ENTITLED TO A BER?

A seller must provide a BER to prospective buyers or tenants when a home is constructed, sold or rented under the following circumstances:

- New homes where planning permission was applied for on or after 1<sup>st</sup> January 2007;
- All homes for sale or rent on or after 1<sup>st</sup> January 2009.

There are exemptions for certain categories of buildings, e.g. protected structures and certain temporary building (Ref. S.I. No. 666 of 2006).

There are fines of up to €5,000 for non-compliance with the regulations.



## HOW IS A BER CALCULATED?

A BER is based on the characteristics of major components of the dwelling (wall, roof and floor dimensions, window and door sizes and orientations) as well as the construction type and levels of insulation, ventilation and air tightness features, the systems for heat supply (including renewable energy), distribution and control, and the type of lighting. It covers annual energy use for space heating, water heating, ventilation, lighting and associated pumps and fans, calculated on the basis of a notional standard family with a standard pattern of occupancy.



The energy performance is expressed as:

- (a) primary energy use per unit floor area per year (kWh/m<sup>2</sup>/yr) represented on an A to G scale (see BER certificate); and
- (b) associated Carbon Dioxide (CO<sub>2</sub>) emissions in kgCO<sub>2</sub>/m<sup>2</sup>/yr (see BER Certificate)



A BER is only an indication of the energy performance of a house. Actual energy usage will depend on how the occupants operate the house. In that way it is similar to the concept of a fuel economy (miles per gallon or litres per 100 km) rating for a car.



A BER does not cover electricity used for purposes other than heating, lighting, pumps and fans, i.e. does not include for cooking, refrigeration, laundry etc.



## WHAT ARE THE BENEFITS OF A BER?

A BER makes the energy performance of a home visible to prospective buyers and tenants and enables them to take energy performance into consideration in their next house purchase or rental decision.



## WHO CARRIES OUT A BER ASSESSMENT?

BER assessments are carried out by registered BER assessors who have been trained under the National Framework of Qualifications and have registered with Sustainable Energy Ireland (SEI). All registered assessors must adhere to the BER Assessors Code of Conduct. A list of registered BER assessors is available online at [www.sei.ie/ber](http://www.sei.ie/ber)



## HOW MUCH DOES A BER COST?

A person offering a home for sale or rent, or their agent, is required to employ a registered BER assessor to carry out an assessment. There is no set fee and the advice is to shop around for the best price. Make sure to confirm all fees prior to commissioning a BER assessment.

Assessors are charged a fee of €25 to submit a BER assessment to SEI for publication on the National BER Register.

## HOW LONG IS A BER VALID FOR?

A BER is valid for up to 10 years provided that there is no material change to the dwelling that could affect its energy performance. The maximum term of validity of a Provisional BER is 2 years.

## WHAT IS A PROVISIONAL BER?

New homes offered for sale off plans also require a BER. In these cases, a Provisional BER will be issued based upon the design drawings and building specifications. When the home is completed, a BER based on an assessment of the final drawings and building specifications, which represent the house as constructed, is required. This BER must be supplied by the builder/developer on completion of any such homes sold off plans.

## WHO IS RESPONSIBLE FOR THE BER SCHEME?

The BER Scheme was established under the European Communities (Energy Performance of Buildings) Regulations 2006 (S.I. No. 666 of 2006).

Sustainable Energy Ireland (SEI) has been designated as the Issuing Authority with responsibility for the registration of BER assessors, logging of BER assessments and ongoing management of the BER Scheme.

SEI has put in place a comprehensive quality assurance system to audit BER assessors and BER assessments and to protect the integrity of the BER Scheme.



For more information see the SEI website or call 1890 734 237  
[www.sei.ie/ber](http://www.sei.ie/ber)

## YOUR BER CERT EXPLAINED

Version of software used to rate this home.

Actual Building Energy Rating for this home

Home Address

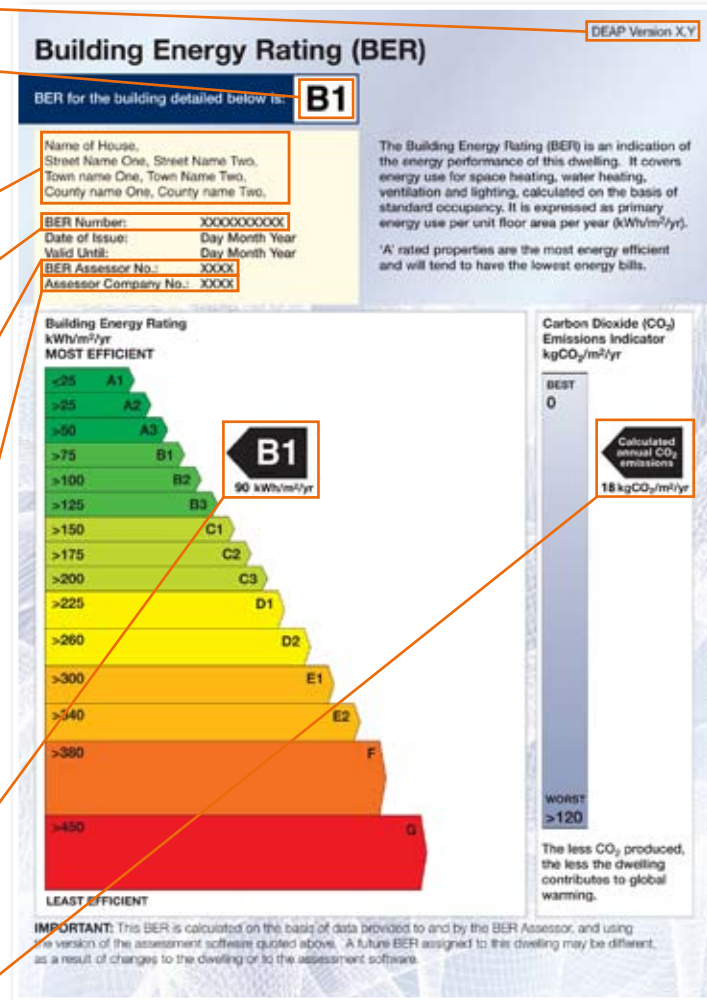
Official BER Number – this is unique to this home

BER Assessor Number – This is the registration number for the assessor who carried out this assessment.

Assessor Company Number – This is the registration number for the assessor company who carried out this assessment.

BER Rating A-G  
A1 = Most Efficient  
G = Least Efficient

CO<sub>2</sub> emissions for your home. Lower is best and it's an indication of how green your home is.



## HOW DOES MY HOME RATE?

Indicative ratings for typical homes:

House Built in:	Rating	2 Bed Apartment (75m <sup>2</sup> )			3 Bed Semi-D (110m <sup>2</sup> )		
		kWh	CO <sub>2</sub>	Cost	kWh	CO <sub>2</sub>	Cost
2008+	B1	7,200	1.7	€ 500	10,600	2.5	€ 725
2000s	C1	11,625	2.8	€ 800	17,100	4.1	€ 1,175
1990s	C2	14,250	3.4	€ 1,000	20,900	5.0	€ 1,445
1980s	D1	17,250	4.1	€ 1,200	25,300	6.0	€ 1,745
Pre 1980s	D2/E1*	22,500	5.4	€ 1,600	33,000	7.9	€ 2,280

These ratings are indicative of the levels one might expect for homes built to the prevailing Building Regulations of the period and where no additional remedial measures have been installed.

Indicative CO<sub>2</sub> emissions and running costs for different rating bands:

Rating	2 Bed Apartment (75m <sup>2</sup> )		3 Bed Semi-D (110m <sup>2</sup> )		3 - 4 Bed Detached (140m <sup>2</sup> )	
	CO <sub>2</sub>	Cost	CO <sub>2</sub>	Cost	CO <sub>2</sub>	Cost
A2	0.8	€ 2,00	1.1	€ 295	1.3	€ 375
B1	1.7	€ 5,00	2.5	€ 725	3.2	€ 915
C1	2.8	€ 8,00	4.1	€ 1,175	5.2	€ 1,485
D1	4.1	€ 1,200	6.0	€ 1,745	7.6	€ 2,215
E1*	5.4	€ 1,600	7.9	€ 2,280	10.0	€ 2,895
F*	7.5	€ 2,200	11.0	€ 3,195	14	€ 4,060
G*	9.8	€ 2,900	14.4	€ 4,090	18.3	€ 5,320

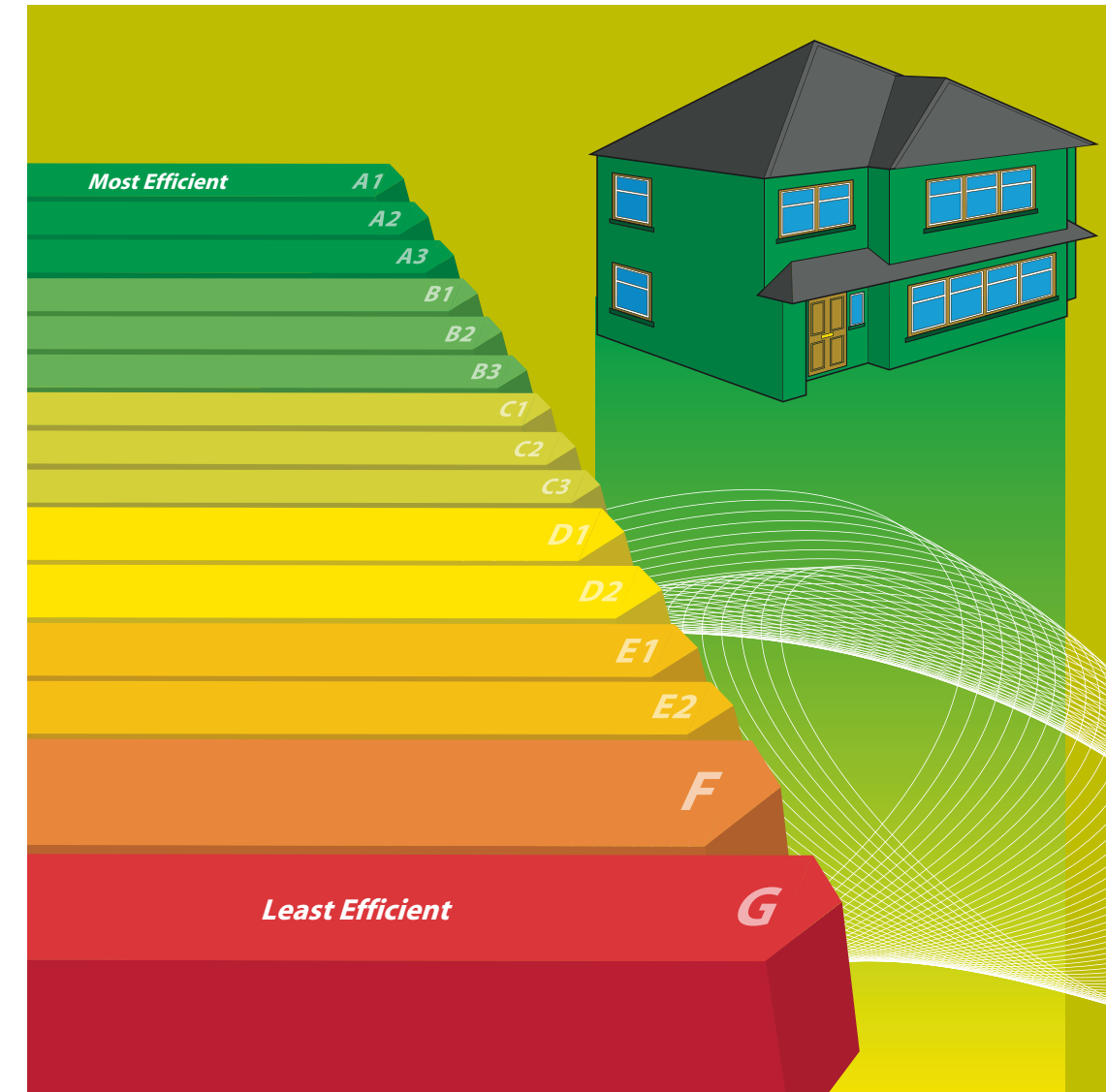
\* Running costs are estimated on the basis of typical occupancy and heating the entire dwelling to a comfortable level

kWh Annual kilowatt hours of primary energy. (Natural gas and electricity are purchased in terms of "units" or kWh. 1 litre of kerosene has an energy content of just over 10 kWh)

CO<sub>2</sub> Tonnes of CO<sub>2</sub> emitted per annum

Cost Annual running cost for principal energy usage, based on an average of domestic oil and gas prices as of October 2008.

## A Guide to Building Energy Rating (BER)



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