



Building Energy Rating (BER)

ADVISORY REPORT

Energy use in our homes is responsible for more than a quarter of Ireland's total CO₂ emissions. Reducing energy use will save you money and is good for the environment. This report provides advice on improving your Building Energy Rating, reducing your energy usage and costs, while improving the comfort and condition of your home.

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About this Advisory Report

Energy use in our homes is responsible for almost a quarter of Ireland's total CO₂ emissions. Reducing energy use will save you money and is good for the environment. This report provides advice on improving your BER, reducing your energy usage and costs, while improving the comfort of your home. The improvement measures recommended in this report are not mandatory and can be completed at your own discretion. Some improvements may require the use of suitably qualified installers or professional advice. All works should be completed to the relevant health and safety standards. Where applicable, works should be completed to the relevant Building Regulations.

In this report an associated cost and impact are provided for the recommendations specific to your home. Costs and impacts are divided into categories and these are defined as follows:

Low Cost are improvements that are expected to cost less than 100 euro to complete.

Medium Cost are improvements that are expected to cost 100 euro to 1,000 euro to complete.

High Cost are improvements that are expected to cost more than 1,000 euro to complete.

The above costs are guidelines only and actual costs will vary depending on house size, work specification and market conditions.

Low Impact are measures that will make a small improvement in energy efficiency.

Medium Impact are measures that will make a medium improvement in energy efficiency.

High Impact are measures that will make a large improvement in energy efficiency. Implementing any improvement measure will reduce your energy consumption. When implementing improvements it is sensible to prioritise those with a low cost and a high impact first. The money saved by reducing energy usage can help to pay for the

improvement measures. Moreover apart from increasing the comfort and costs the measures could increase the value of your home and reduce its environmental impact.

Suspended Wooden Floor

This dwelling has a solid floor.

No specific action is advised.

Distribution System Losses and Gains (Control Category)

The heating system controls in this dwelling could be improved.

The heating system would benefit from a programmer/timer and room thermostat to enable the boiler to switch off when no heat is required. A seven day programmer will allow you to customise a heating schedule to meet your specific heating needs for each day of the week. This would reduce the amount of energy used and lower your fuel bills.

Thermostatic radiator valves (TRVs) could also be installed to allow the temperature of each room to be controlled to suit individual needs, adding to comfort and reducing heating bills. For example, they can be set to be warmer in the living room and bathroom than in the bedrooms. TRVs should be fitted to every radiator excluding the radiator in the same room as the room thermostat and to the radiator/towel rail in the bathroom. The room thermostat is needed as well as the TRVs, to enable the boiler to switch off when no heat is required.

Cost: Medium **Impact:** Medium

Further advice on improving the energy efficiency of your home is available from the Sustainable Energy Authority of Ireland, www.seai.ie

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