

Existing Dwelling Energy Efficiency Checklist

The Checklist is designed to ensure improvements to the energy performance of the **existing dwelling** since the extension will be delivered to building regulations. Full guidance on completing the Checklist is available [here](#).

Measure	Required for	(Estimated) Cost £	Approximate Payback (yrs)	If not undertaking the measure please say why not
Cavity Wall Insulation	Any dwelling that has empty cavity walls, subject to a check for suitability from an accredited installer and approval by local authority building control.	e.g. £250	e.g. 2 years	Cavity wall insulation to be investigated and provided if required by Building inspector
Loft Insulation (250 mm)	Any dwelling with an accessible loft and less than 100mm depth existing insulation.	e.g. £250	e.g. 2 – 6 years (empty / partially filled)	New roofs to be constructed to current standards. As required by the building regulations approved documents
Floor Insulation	Dwellings with uninsulated suspended timber floors only, where easily accessible from underneath (e.g. basements)	e.g. £20 - £100	e.g. 1-2 years	Insulation to be investigated and provided if necessary
Replacement condensing boiler	Any dwelling with a wet central heating system with a non condensing gas or oil boiler more than 15 years old.	Variable – get a quote	Variable – get a quote	New boiler to be installed compliant with current standards
Heating controls upgrade	Any dwelling with central heating that lacks a programmable timer, room thermostat or thermostatic radiator valves.	e.g. room thermostat £55	e.g. 1 year	Controls to be fitted including timers thermostatic valves and programmer
Hot water insulation package	Any dwelling that has an uninsulated hot water tank or a tank that has an existing insulating jacket that is in poor repair as judged by a building surveyor.	e.g. HWT Thermostat £20; HWT Jacket £35	e.g. 1 year	N/A
Draught proofing	Any dwelling that has excessive air leakage as judged by a building surveyor.	e.g. Professional = £200	e.g. 2 years	Existing double-glazing draft proofed windows and doors new work to be energy compliant
Energy efficient lighting	Any dwelling where 75% of light fittings in commonly used areas are not classed as energy efficient (A rated under the EU energy efficiency label system)	e.g. £1-2	1 year	Energy efficient bulbs fitted.
Totals	Total Build Cost of Extension: £0000.00			£80k