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 over leaf.

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.	£800	5 Years	
Loft Insulation (250 mm)	Any dwelling with an accessible loft and less than 100mm depth existing insulation.	NA	NA	
Floor Insulation	Dwellings with uninsulated suspended timber floors only, where easily accessible from underneath (e.g. basements)			The new floor will have underslab insulation.
Replacement condensing boiler	Any dwelling with a wet central heating system with a non condensing gas or oil boiler more than 15 years old.	NA	NA	
Heating controls upgrade	Any dwelling with central heating that lacks a programmable timer, room thermostat or thermostatic radiator valves.	£400	8 Years	
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.			The property has a new combi-boiler. No water tank required.
Draught proofing	Any dwelling that has excessive air leakage as judged by a building surveyor.			The existing property does not have excessive air leakage
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)	£55	1 Year	
Totals	Total Build Cost of Extension: £0000.00	£35 000		