

Guide line Cost Analysis for Energy Savings Measures



Guide line Cost Analysis for Energy Savings Measures

The costs given in this table are for guidelines purposes only

Exact costs will depend on materials selected and the house type, style and condition

	Full Cost (€)		DIY Cost (€)		Unit	Estimated Payback Period
	From	To	From	To		
Insulation						
Roof/loft insulation (150 mm)	2.5394	6.3485	1.2697	3.8091	m ²	2 Years (DIY), 3-4 Years (Contractor)
Flat Roof insulation	31.7425	50.788			m ²	
Cavity Wall Insulation	5.0788	8.8879			m ²	4-8 Years
External Walls Insulation	69.8335	88.879			m ²	20 years
Internal Wall Insulation	25.394	31.7425	6.3485	10.158	m ²	3-4 Years (DIY), 20 Years (Contractor)
Floor Insulation (Timber floor)	7.6182	10.1576	5.0788	7.6182	m ²	10 years
Floor insulation (Concrete)	25.394	38.091				long term
Pipe work Insulation	1.2697	2.5394	0	1.2697	m	n/a - frost protection
Hot Water Tank Jacket	19.0455	25.394	12.697	15.236	Unit	0.5 -1 Year

Draught Stripping

Draught Stripping	3.8091	6.3485	2.5394	5.0788	m	2-6 Years (DIY), 7-20 Years (Contractor)
Filling In Gaps Around Skirting	1.2697	2.5394	1.2697	1.2697	m	<1 year

Glazing

Double Glazing	152.364	380.91			m ²	8-10 years (Marginal Cost)
Low Emissivity Double Glazing	177.758	431.698			m ²	8-10 years (Marginal Cost)
Secondary Glazing	165.061	253.94	139.67	253.94	m ²	15-25 years (DIY)

Lighting

Lighting-CFLs	12.697	16.5061	11.427	13.967	Bulb	1-2 years
Automatic Lighting Controls	63.485	6348.5			Unit	Long Term
Slim line T8 Fluorescent Tubes	1.2697	2.5394			Unit	1-2 Years

Heating Systems

Condensing Boiler (gas or oil)	1015.76	1269.7			Unit	<10 years
Gas Fires	253.94	761.82			Unit	n/a
Solid Fuel Appliances	380.91	507.88			Unit	n/a
Off peak Storage Radiators	304.728	431.698			Unit	n/a
Solar domestic Water Heating	2539.4	5713.65			System	n/a

Heating Controls

Heating Timers & Programmers	107.9245	152.364	82.531	126.97	Unit	<3 years
Thermostatic Radiator Valves	19.0455	25.394	12.697	19.046	Unit	<3 years
Room Thermostat	38.091	76.182	19.046	25.394	Unit	<3 years
Radiator Shelf	19.0455	38.091	12.697	25.394	Radiator	<3 years
Radiator Reflector/Foil Behind Radiator	12.697	31.7425	6.3485	12.697	Rad	<3 years
Optimum Start Control & Compensation	380.91	6348.5			Unit	3-4 years

Domestic Hot Water

Local Instant Hot Water Production	190.455	380.91			Unit	
Spray Taps & Water Conservation	63.485	126.97			Unit	<1 year
Hot Water Pipe Insulation	1.2697	2.5394			m	1-2 years
Water Heater Timer	38.091	57.1365	31.743	44.44	Unit	<3 years
Hot Water/Cylinder Thermostat	44.4395	50.788	25.394	38.091	Unit	<3 years

Mayo Energy Agency
Arran Place,
Ballina,
Co. Mayo,
Ireland



Tel: 096-74034
Fax: 096-72950
E-mail: mayoenergy@eircom.net
Web: mayoenergy.ie