



FRANCK ENERGY

Loft Insulation

A quarter of heat is lost through the roof in an uninsulated home.

Insulating your loft, attic or flat roof is a simple and effective way to reduce heat loss and reduce your heating bills. Loft insulation is effective for at least 40 years and it should pay for itself many times over.

How Much Loft Insulation do I need?

The recommended depth of blanket style insulation (glass or mineral wool) for a loft is 250 to 270 mm. If you already have insulation, but it was put in some time ago, it is worth checking the depth, as only a few years ago the recommended depth of insulation was 200mm, and before that it was as low as 100mm.

How is it installed?

If your loft is easy to access and has no damp or condensation problems it should be easy to insulate.

If access is easy and your loft joists are regular, you can use rolls of mineral wool insulation. The first layer is laid between the joists – the horizontal beams that make up the floor of the loft – then another layer is laid at right angles to cover the joists and make the insulation up to the required depth.

How much could I save?

Loft Insulation (0-270mm)

 FRANCK ENERGY	Detached House	Semi Detached House	Mid Terrace House	Bungalow
Fuel Savings (£/year)	£240	£140	£135	£195
Typical Installation cost*	£395	£300	£285	£375
Carbon Dioxide Savings (kgCO2/year)	1000kg	590kg	560kg	820kg

Loft Insulation "Loft top up" (120-270mm)

 FRANCK ENERGY	Detached House	Semi Detached House	Mid Terrace House	Bungalow
Fuel Savings (£/year)	£25	£15	£15	£120
Typical Installation cost*	£290	£240	£230	£280
Carbon Dioxide Savings (kgCO2/year)	95kg	55kg	55kg	80kg

Information is taken from Energy Savings trust.

Estimates based on insulating a gas-heated home with either a totally uninsulated loft, or topping up existing insulation from 120mm to 270mm. (The recommended depth for mineral wool insulation is 270mm but other materials need different depths).

*Average unsubsidised professional installation costs, although these will vary. Figures are based on fuel prices as of March 2016.