

# Home Insulation Guides



## HEAT LOSS & INSULATION

### Cavity Wall insulation

Cost £2,700  
Annual Savings £240  
Payback period 11 years  
Annual CO2 savings 650kg

### Internal Solid Wall insulation

Cost £7,500  
Annual Savings £320  
Payback period 23 years  
Annual CO2 savings 900kg

### External Solid Wall insulation

Cost £11,000  
Annual Savings £320  
Payback period 34 years  
Annual CO2 savings 900kg

### Floor insulation

Cost £900  
Annual Savings £70  
Payback period 13 years  
Annual CO2 savings 190kg

### Loft insulation

Cost £900  
Annual Savings £230  
Payback period 4 years  
Annual CO2 savings 600kg

### Secondary-Glazing

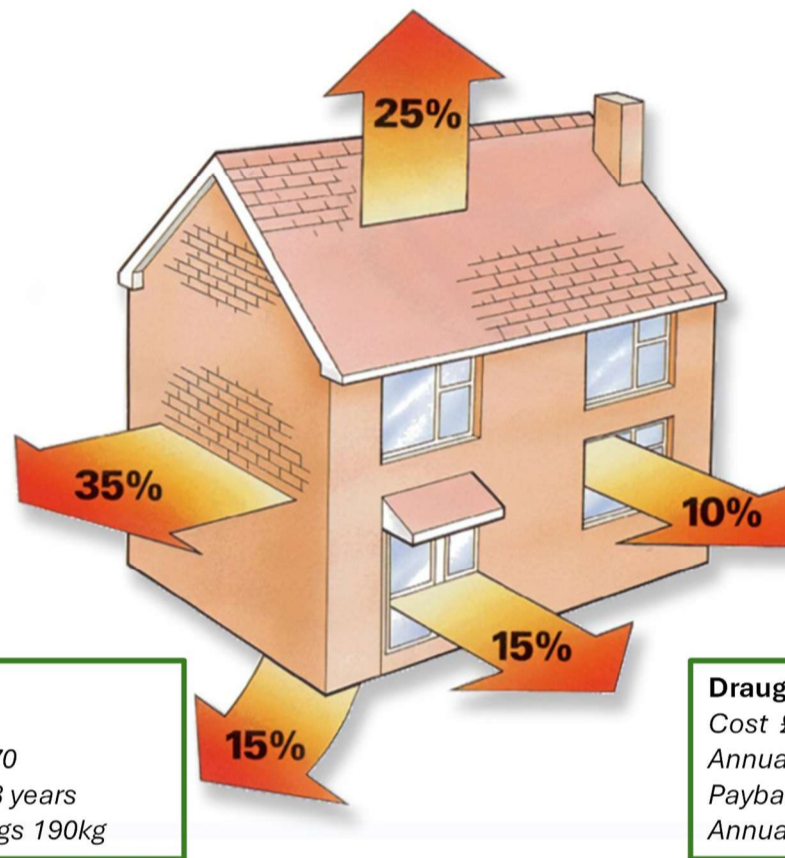
Cost £5,000  
Annual Savings £90  
Payback period 55 years  
Annual CO2 savings 250kg

### Double-Glazing

Cost £15,000  
Annual Savings £150  
Payback period 100 years  
Annual CO2 savings 380kg

### Draught-proofing

Cost £250  
Annual Savings £100  
Payback period 2.5 years  
Annual CO2 savings 200kg



Source data: Energy Savings Trust. Average values for 3 bed semi in England. Specific home values can differ widely from these figures.

## Damp and Ventilation

While preventing heat loss is important, some ventilation must be retained to control condensation and damp.

Open trickle vents in double-glazing and fit soffit or tile vents in the loft to help maintain airflow.



Airbricks must remain unobstructed after fitting floor insulation.

If condensation problems persist, a dehumidifier can be a cost-effective solution (and enables efficient indoor rack drying of washing).

A damp-proof membrane is typically needed for flat roof, solid wall or floor insulation to reduce condensation risk.

