

# Insulation

## The Facts & Figures



### Solid Wall Insulation

- 45% of heat is lost through uninsulated Solid Walls. By installing Solid Wall Insulation, savings of around £375\* a year on heating bills can be made and reducing emissions by around two tonnes of carbon dioxide (CO<sub>2</sub>) each year.
- If every UK household that is suitable for Solid Wall Insulation installed it, we could save nearly 14 million tonnes of CO<sub>2</sub> every year. That's the same as taking three and half million cars off the road for a full year.
- Half of all householders in the UK do not know that walls without cavities can be insulated.+
- Over 80% of householders are unaware of the amount of heat that escapes through solid walls.+
- Only 1 in 6 adults in the UK know that they can save over £300 per year on their energy bills by adequately insulating their solid walls.+

### Cavity Wall Insulation

- 33% of heat is lost through uninsulated cavity walls. By installing Cavity Wall Insulation, savings of around £110\* a year on heating bills can be made and reducing emissions by around 560kg of carbon dioxide (CO<sub>2</sub>) each year.
- Cavity Wall Insulation pays for itself in around 2 years.
- If every UK household that is suitable for Cavity Wall Insulation installed it, we could save around £690 million and nearly 4 million tonnes of CO<sub>2</sub> every year.

### Roof/Loft Insulation

- 25% of heat is lost through the roof/loft space. By installing Loft Insulation, savings of around £145 (insulation thickness 0-270mm)/£40\* (insulation thickness 50-270mm) a year on heating bills can be made reducing emissions by around 800kg of carbon dioxide (CO<sub>2</sub>) each year. Payback is around 2 years (0-270mm).
- If everyone in the UK installed 270mm of Loft Insulation, we could save around £520 million and nearly three million tonnes of CO<sub>2</sub> every year. That's enough to fill Wembley Stadium nearly 380 times.
- Over half of all householders in the UK do not know that over 50% of a house's heat can be lost through uninsulated lofts and cavity walls.+
- Only 1 in 3 adults in the UK knew that they could save over £250 per year on energy bills by having Loft and Cavity Wall Insulation installed in their home.+

### Draught Proofing

- 20% of heat is lost through windows and doors. By installing draught proofing around doors and windows, savings of around £25\* a year can be achieved on heating bills, reducing emissions by around 130kg of carbon dioxide (CO<sub>2</sub>) each year.
- If every household in the UK used the best possible draught proofing, every year we would save:
  - almost £200 million\*
  - enough CO<sub>2</sub> to fill nearly 225,000 hot air balloons\*
  - enough energy to heat over 260,000 homes\*

\*Figures provided by Energy Saving Trust (based on a three bedroom gas heated semi detached house ) March 2011.

+GfK NOP interviewed 1000 adults 16+ in the UK between 8<sup>th</sup> -10<sup>th</sup> October 2010. Data has been weighted to bring it in line with national profiles.