



## FACT SHEET

# Solid Wall Insulation

Did you know that 45%\* of the heat from your home escapes through uninsulated solid walls?

- ✓ Insulating solid walls could save you up to £460 every year on your energy bills.\*
- ✓ Solid walls can be insulated internally or externally and the cost varies depending on the size of property/materials used etc.
- ✓ If the outside of your home needs re-rendering or redecorating, external wall insulation is a cost effective way of doing this.
- ✓ External wall insulation increases the life of your walls by protecting the brickwork.



## What is solid wall insulation?

If your home was built before 1920, it will most likely have solid external walls with no cavity. The lack of a cavity means more heat can escape from your house through the walls. Solid wall insulation could help you solve this problem.

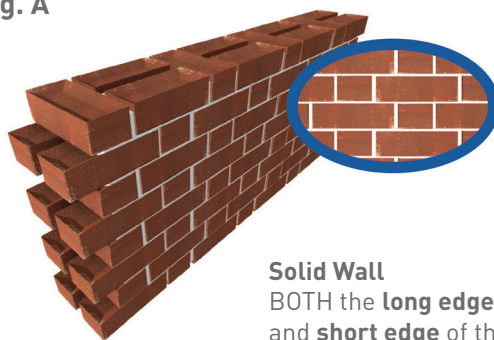
Solid wall insulation can often be the single biggest home improvement you can make to reduce heat loss and could help you save up to 25% on your fuel bills and cut your home's carbon footprint.

Insulation can be applied to either the external or internal face of the wall. The insulation makes it much more difficult for the heat to pass through your walls slowing down the rate at which heat escapes, keeping as much of it as possible inside your home, for as long as possible.

You should be able to tell which wall type you have by looking at the brickwork on the outside of your house. If your home has solid walls, you will be able to see a pattern showing the long and short side of the bricks like Fig A.

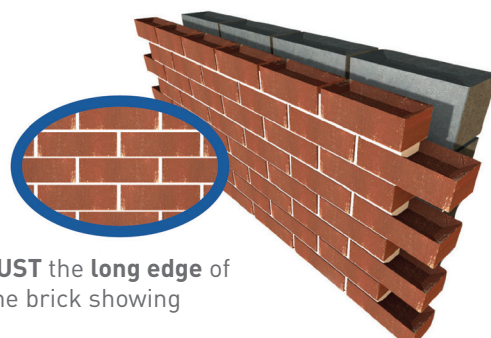
If your home has cavity walls, you will only be able to see the long side of the bricks like Fig B.

Fig. A



**Solid Wall**  
BOTH the **long edge**  
and **short edge** of the  
bricks showing.

Fig. B



**JUST** the **long edge** of  
the brick showing



# CORNERSTONE

INSULATIONS • RENEWABLES • INVESTMENTS

For some properties external solid wall insulation is not always suitable – for example if your property is located in a conservation area. If that is the case for your home you may be able to consider internal wall insulation as an alternative. Depending on your households circumstances funding could be available for both options.

## What's the difference between internal and solid wall insulation?

Whether insulating internally or externally there are a variety of insulation materials, finishes and fixings available. The method should be carefully selected based on the characteristics of the property.

Internal wall insulation can be installed on the internal walls of your home by either fixing insulated boards to the wall or building a new stud wall and filling it with mineral wool fibre.

External wall insulation will involve the addition of adhesive to the wall surface, fixing a layer of insulation material and finishing by covering with cladding or render.

## Will solid wall insulation require planning permission?

Often you won't need planning permission, but it will be required in these specific circumstances:

- A building is listed
- A property is located within a conservation area or an Area of Outstanding Natural Beauty
- A block of flats
- A property where the suggested cladding material will not be of 'similar appearance' to the existing property.

It is always advisable to check with your local planning department.

## Potential savings

House type	Approximate Cost	Approximate savings per year*	Payback time	Carbon dioxide savings per year*
Detached	£12,000 - £14,000	Save around £460	Up to 25 years	Around 1,900kg
Semi detached	£9,000 - £10,000	Save around £270	Up to 25 years	Around 1,100kg
Mid terrace	£5,000 - £7,500	Save around £180	Up to 25 years	Around 700kg
Bungalow	£8,000 - £9,000	Save around £180	Up to 25 years	Around 800kg

\* Figures from the Energy Saving Trust. Estimates based on insulating a gas-heated home. ^Based on Cornerstone Ltd's estimates. \*\*Source Energy Saving Trust Sept 2014. Based on a gas heated detached house

## Get in touch today

Talk to us 01379 853 613 Email [enquiries@cornerstonelimited.co.uk](mailto:enquiries@cornerstonelimited.co.uk) Visit [www.cornerstonelimited.co.uk](http://www.cornerstonelimited.co.uk)  
Head Office Unit 2-4, Fuller Road, Harleston, Norfolk IP20 9EA