

# Internal Wall Insulation

HOMEOWNER GUIDE

## IMPORTANT DOCUMENT

This booklet should remain with the property and should be passed to subsequent homeowners.



**swipiwi**  
INTERNAL WALL INSULATION

*Keeping the home warm...*

[swipiwi.co.uk](http://swipiwi.co.uk)

# Heat Loss Overview

## Think insulation and feel the benefits for years

Insulating your home is the most cost effective way of improving it's energy efficiency rating and reducing energy bills. With energy prices rising, insulation is becoming more and more important to prevent expensive heat loss.

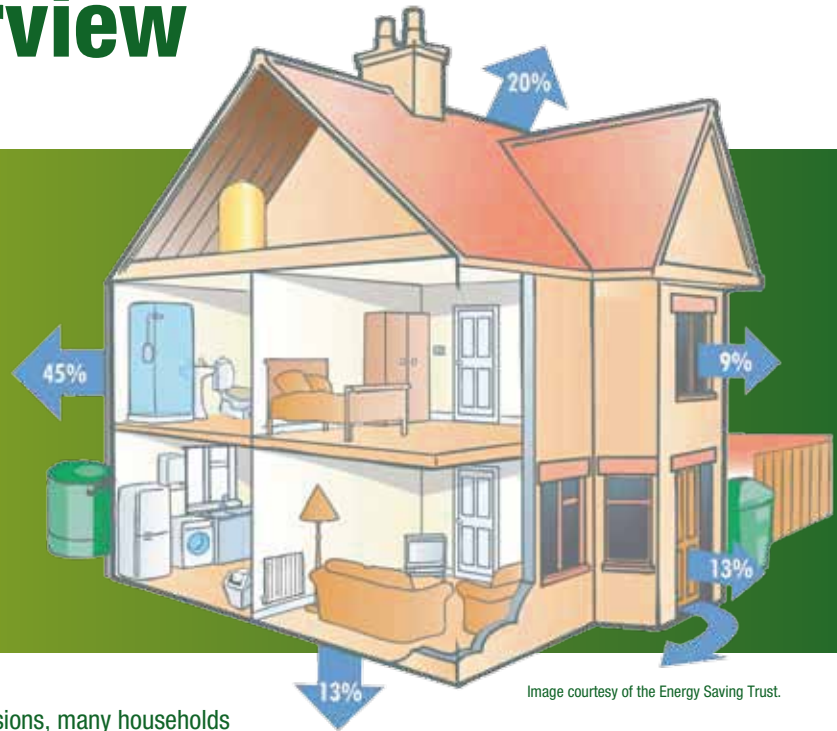


Image courtesy of the Energy Saving Trust.

As a result of the government's drive to reduce CO2 emissions, many households in the UK are entitled to subsidised insulation.

### Improved insulation offers many benefits:

#### Reduced energy bills

Insulating the walls of solid wall and hard-to-treat homes can typically reduce energy bills by £445 per year (Energy Saving Trust - June 2012)

#### Increased comfort

A warmer home in the winter

#### A more environmentally friendly house

Reduced energy use means reduced CO2 emissions, doing your part for the environment



# Saving Money and Energy



## Saving money

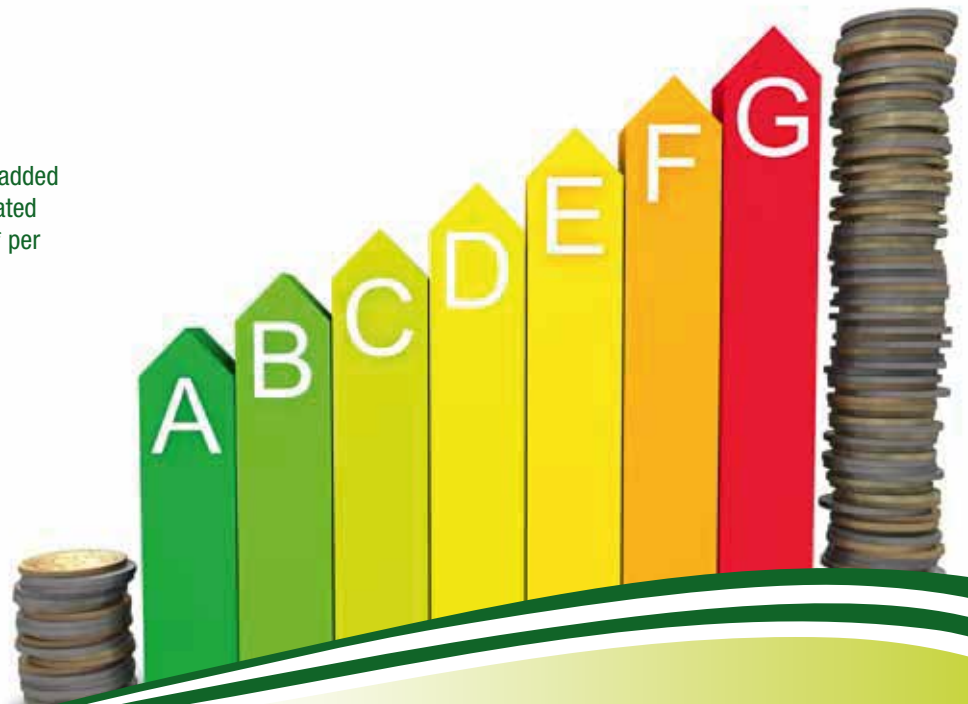
Insulating your external walls is one of the most effective ways of improving the energy efficiency of your home and in view of ever increasing energy bills it has never been more important to do so than now. Installing internal wall insulation is a quick and simple process which could save you around **£445** a year on your energy bills and significantly improve the thermal comfort of your home.\* Financial help may be available if you're planning to make energy saving improvements to your home.

\*Source: [www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk) (June 2012)

## Reducing CO<sub>2</sub> emissions

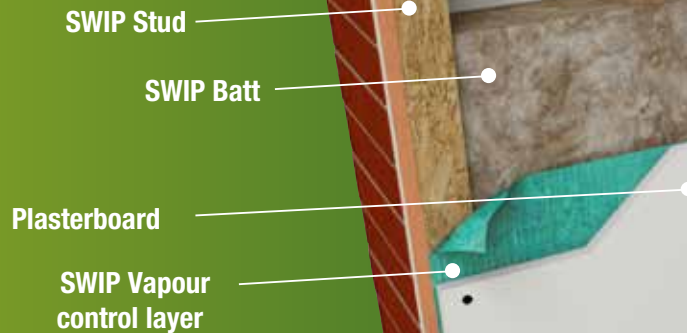
Installing internal wall insulation also has the added benefit of reducing the CO<sub>2</sub> emissions associated with your home by approximately two tonnes\* per annum for the lifetime of the property.

\*Source: [www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk) (June 2012)



# SWIPIWI System

A quick and easy to install system for the thermal upgrade of solid and hard-to-treat masonry external walls comprised of insulated composite studs and high performance, water repellent glass mineral wool insulation manufactured with ECOSE® Technology.



## ECOSE® Technology

ECOSE® Technology is a revolutionary, new, formaldehyde free binder technology, based on rapidly renewable materials instead of petro-based chemicals. It reduces embodied energy and delivers superior environmental sustainability.

ECOSE® Technology was developed for glass and rock mineral wool insulation, but offers the same potential benefits to other products where resin-substitution would be an advantage, such as in wood based panels, abrasives and friction materials.



This product meets the highest possible standard regarding Indoor Air Quality across Europe



# The right time to benefit

**Installing a new kitchen or bathroom - this is the ideal time to upgrade your walls**



## Opportunities

It's an ideal time to take the opportunity to upgrade the thermal efficiency of your walls when:

- Re-plumbing your home
- Re-wiring your home
- Having a new kitchen installed
- Having a new bathroom installed

The cost of installing the SWIPIWI System may be subsidised by government schemes to reduce carbon emissions. Solid Wall Insulation Specialists can provide information regarding funding and subsidies.

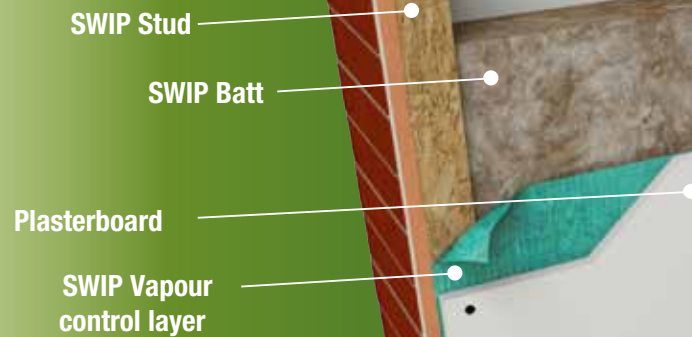
Visit [www.swipiw.co.uk](http://www.swipiw.co.uk) for more information.

## Benefits

- Reduces energy bills
- Saves energy
- Reduces CO2 emissions
- Creates a more comfortable internal environment
- Provides a cost effective solution
- Dry system with little or no mess
- Environmentally friendly system



# Care and Maintenance



There should be no maintenance needed to ensure the SWIP Internal Wall Insulation System delivers energy savings for the life of your property.

However, it is important that anything which may affect the system (i.e. hanging shelves, pictures etc.) is done correctly to ensure that the system continues to operate in the way it was designed and in order to provide the optimum level of energy savings.

Avoid damaging, puncturing or penetrating the vapour control layer (vcl) whenever possible. Where this is not possible and the vcl will be punctured by a picture hook, bracket or mechanical fixing or by new services such as electrical cables, telephone cables, gas pipes etc, place a piece of vapour resistant aluminised tape over the fixing position after the hole has been drilled but prior to the installation of the fitting in order to:

- Minimise damage to the plasterboard
- Minimise the amount of water vapour permeating the system
- Provide a partial seal around the fitting
- Provide additional strength locally to the penetration in the plasterboard.

When installing fixtures and fittings such as pictures, mirrors, shelves, dado rails, picture rails etc locate them (and their fixings) directly over an SWIP Stud if at all possible.

Do not hang excessively heavy objects from the SWIP Stud once the SWIP IWI System has been installed. When the SWIP IWI System has been installed heavy fixtures and fittings should be supported by fixing through the SWIP Stud and into the external masonry wall.



# Take Care...

When fixtures or fittings are removed seal any holes created by the fixing(s) with SWIP Multi Purpose Sealant. After decoration or re-decoration of the SWIP IWI System ensure that all joints at the perimeters and junctions remain sealed and fully filled with sealant. If in any doubt about the condition of the joints, re-seal with SWIP Multi Purpose Sealant.

Extra care should be taken to ensure that the joints remain fully sealed around window and door openings as these locations are the most susceptible to air leakage.

Seals around electrical sockets and fittings should also be checked and maintained in order to maintain the thermal efficiency of the installed system.



## **IMPORTANT:**

**Failure to adhere to the correct care and maintenance guidance stated within this document could invalidate any warranty or guarantee.**

# SWIP IWI

## System Installation Details

This section is provided to record details of the SWIP IWI System installed to this property.  
The Approved Installer should complete this information to include all rooms which the system has been installed in.

### Installer Details

Company Name \_\_\_\_\_  
Installer Name \_\_\_\_\_  
Installer Reference Number \_\_\_\_\_  
Installation Date \_\_\_\_\_

### Property Details

Customer Name \_\_\_\_\_  
Site Address \_\_\_\_\_  
Postcode \_\_\_\_\_

Room	SWIPStud thickness (mm)	Total wall area insulated (m <sup>2</sup> )

Please use this page to detail any non standard installation details.

A large grid of graph paper, consisting of a 30x30 grid of small squares, intended for detailing non-standard installation details. The grid is light gray and occupies most of the page area.



**SWIP LTD.**

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**0845 402 3585**

**[swipiw.co.uk](http://swipiw.co.uk)**

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