



After



Before



External and Internal Wall Insulation

Energy Saving Renovation





External Solid Wall Insulation

Up to 35% of heat loss from a building is through its walls. Cavity wall insulation can help to reduce this but over 6 million houses in England have solid walls, requiring a more specialist form of insulation.

Resolving The Problem

At McCarthy (Contractors) SW Limited we have accumulated many years of experience in external wall insulation to both improve the cosmetic appearance of a property and to increase its energy efficiency.

Heat Loss Before External Wall Insulation



Greatly Reduced Heat Loss From An Insulated House



This thermal image shows the amount of heat that can be lost as a result of a lack of external wall insulation.

This is an image of the same property after external wall insulation. The reduction in heat loss (and fuel bills) is significant.





Meeting The Energy Challenge

Because of the relative difficulty in treating solid walls, many people, especially in rented properties, are facing higher and higher heating costs. To help to reduce the burden of increasing energy cost, in addition to The Green Deal, The Energy Company Obligation (ECO), which will come into effect in December 2012, will place an obligation on the six major power suppliers to address energy efficiency in the domestic sector. Details of what the ECO obligation will look like are still to be confirmed although it is thought likely that it will particularly support the poorest and most vulnerable households and "hard to treat" properties, such as solid-walled. The Hard to Treat Fund stands at £760 million per annum.

The Green Deal and ECO

ECO is likely to provide a great opportunity for landlords to improve their properties, both in terms of their appearance and fuel efficiency, and have the work funded, either in part or even completely, by the energy companies.

The energy savings will benefit existing and future tenants for many years to come. ECO and The Green Deal, which are likely to be closely linked, have the potential to provide a marvellous chance for landlords to help their most needy tenants in solid wall properties to live in a home that has an improved cosmetic appearance and far greater energy efficiency.

At McCarthy (Contractors) SW Limited, we are getting ready to meet this opportunity. We already have many years of experience in external and internal wall insulation.

Equally importantly, we have a team of highly skilled tradesmen and sub-contractors and we have close and long established relations with the major suppliers.

We have applied for BBA approval as Green Deal Installers and will ensure compliance with all relevant procedures and regulations.



Why McCarthy (Contractors) SW Limited?

- We have many years of experience in the field of solid wall insulation, ranging from single units to substantial developments
- We have access to local, regional and national tradesmen, contractors and suppliers, which we have developed over many years of collaboration
- We employ a professional and experienced workforce and experienced and trusted sub-contractors
- We are a long established family company with a high reputation throughout the South West of England and beyond
- We have a proactive team, who can advise on the values for energy improvement through investment in solid wall insulation
- We possess a strong financial base to provide confidence that the delivery of contracts is assured
- We have substantial experience in working for Housing Associations, Local Authorities and RSLs
- We are taking all necessary steps to ensure that we are able to meet the demands of The Green Deal and ECO

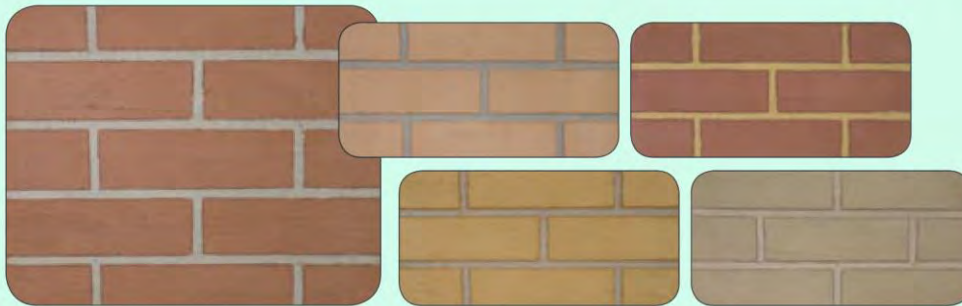




Our Professional Finishes

We offer a wide range of finishes to improve the visual appearance of the property in addition to enhancing its heat efficiency. We can finish the property in a traditional style with a variety of brick, stone and ashlar effects and acrylic brick slips and in a range of different colours.

Traditional Finishes



**Macerend -
Brick Effect**



**Multirend - Multistock
Brick Effect**



Stone & Ashlar Effect



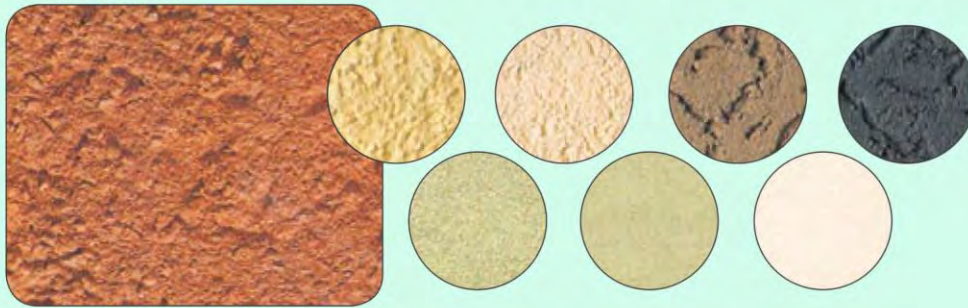
Acrylic Brick Slips





To complement our range of traditional finishes, we also provide a variety of more contemporary choices, including a choice of textured or smooth finish and a wide choice of colours, from the more neutral colours, right through to the brightest and boldest of choices. Whichever contemporary finish is chosen, it will improve the aesthetics of the property, adding to the quality of its appearance, in addition to the efficiency of its energy performance.

Contemporary Finishes



Acrylic



Silicone



Colours



**Dash Receiver
and Aggregate**





Some more examples of our external wall insulation work, demonstrating how we strive to combine professional and aesthetic renovation with real energy saving practices.



This building was formerly the Police Station in Teignmouth, South Devon. These photographs show the condition of the external walls prior to the extensive renovation work that we carried out. That work included the insulation of the solid external walls.





After



Before



After



Before





After



Before

This series of before and after images shows the external walls of a residential development prior to our renovation and insulation work. The brickwork of the external walls was energy inefficient and also detracted from the cosmetics of the building. In any town or district, the improvement in the aesthetics of a significant building should never be under estimated.

The images show the obvious improvement in the cosmetics of the external walls following our renovation. Not only is there an obvious improvement in the external appearance of the building, the many occupants are now enjoying substantially improved energy efficiency and savings on their energy bills.





Internal Wall Insulation

Although external wall insulation is preferable due to better U-values, less disruption to the occupants, no reduction in internal space and improved external appearance, some properties are not suitable for that type of wall insulation.

For these properties, we are able to provide a solution by offering an insulation system to insulate the internal walls.

The system can accommodate wall imperfections, fixings for fittings such as radiators, and can be easily adapted around openings such as windows and doors.

No scaffolding is needed and the installation can be on a room by room or whole property basis.

The work is also unaffected by adverse weather.

An Internally Insulated Room





Our Solid Wall Insulation Services

Whether the solid wall insulation is to the external or internal walls, we at McCarthy (Contractors) SW Limited, in partnership with landlords, providers, suppliers and the energy companies are ready to meet the challenge of providing improved energy efficiency for the hard to treat properties that are often occupied by those in the most need of energy saving measures.

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Further Information Is Available On the [Solid Wall Insulation Link](#) on our website and on the featured pages of the [McCarthy Contracting and Development Limited](#) website

Our Suppliers

