



Tŷ-Mawr

Caring for the future,
respecting the past...

Manufacturer and supplier of traditional and environmentally-friendly building materials.

External Wall Insulation

External Wall Insulation is installed from the **outside** effectively **wrapping the building**. This type of installation method can change the **physical appearance** of the building (which will usually require planning permission) and may necessitate the **removal of rainwater goods** and may require **adaptation of the roof and wall junctions** as well as **window and door openings** as the wall is effectively being made thicker.

It is possible to use the ecoCork plaster externally with the correct detailing, protection and environment to carbonate. The cork provides some insulation and is less disruptive than the board system. It will also help to improve weatherproofing and air tightness.

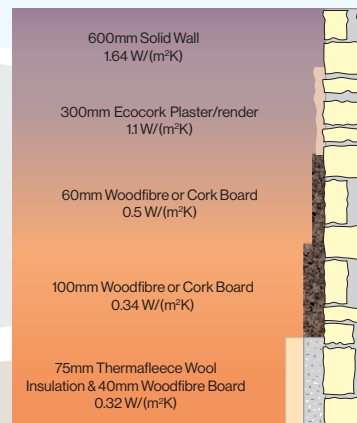
Tŷ-Mawr's External Wall Insulation Systems are part of our range of sustainable building solutions. In addition to their thermal and acoustic performance, their vapour permeable properties help them to regulate humidity within the building contributing to a more comfortable and healthy living environment. These systems are ideal for the refurbishment of existing solid external walls as

Please call us for technical sheets or visit www.lime.org.uk for further information and current pricing.

Also applicable to solid brick wall and timber-framed buildings – values will vary.

Standard lime render can be used for a render finish.

Alternatively, the board system could be timber clad.

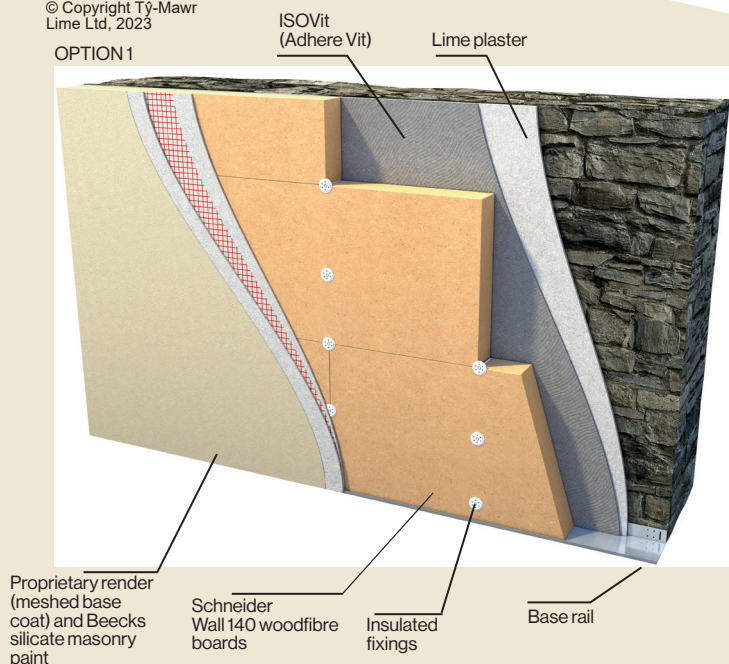


well as cavity walls (care should be taken to ensure the cavity is shut off or filled, seek professional guidance).

The Tŷ-Mawr systems offer a choice of high quality, ecological and sustainable insulation materials, see table below.

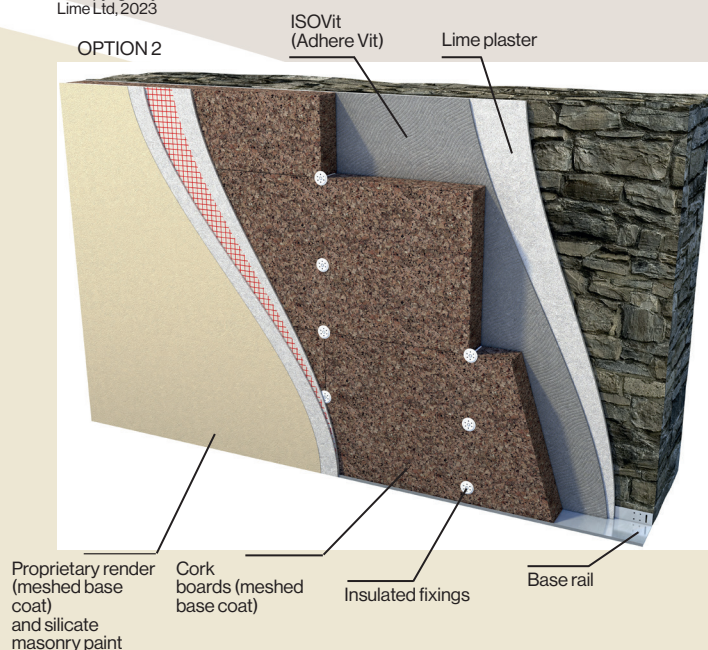
© Copyright Tŷ-Mawr
Lime Ltd, 2023

OPTION 1



© Copyright Tŷ-Mawr
Lime Ltd, 2023

OPTION 2



500-600mm Solid Wall

Options 1 (woodfibre) / 2 (cork)

These options meet current building regulations. For different thicknesses/insulation values please contact our technical advisors.

Approx 15mm levelling coat of Hydraulic Lime Plaster*

Adhesive coat 10mm combed

a) Woodfibre boards 120mm fixed with insulated fixings at a typical fixing rate of 8 per m2

b) Cork boards 120mm adhered to masonry and fixed with insulated fixings at a typical fixing rate of 8 per m2

Board manufacturers proprietary render system following manufacturers instructions 1 x 10mm meshed base coat & 1 x 3mm top coat

Vapour permeable paint finish - Silicate masonry paint, Tŷ-Mawr limewash, Biosphere

*as specified by Tŷ-Mawr Ltd. Please note different insulation thicknesses are available if there is not a Building Regulations requirement