

CAVITY WALL INSULATION



Cavity walls are external walls made from two 'skins' with a cavity, or gap, between them. These are typically a brick outer leaf and a blockwork inner leaf. The cavity or gap can be filled with insulation to stop warm air from escaping to the outside. A key advantage to cavity wall insulation is that it does not affect the internal or external appearance of the property.

Cavity walls are commonly insulated by injecting insulation into the cavity through a series of small holes drilled through the outer skin. The holes are then sealed back up once the cavity is filled.

If you think your property could benefit from cavity wall insulation, it is important that an assessment is carried out and any cracks or pre-existing damp problems are resolved prior to installation. A reputable installer will be registered with the Cavity Insulation Guarantee Agency (CIGA) and be able to provide you with a 25-year guarantee for the works.

Risks:

If you have any damp patches on your internal walls then they should not be insulated until the problem is resolved.

Associated works:

Loft or roof insulation to ensure continuous line of insulation wrapping the home.

REGULATORY CONSIDERATIONS

- Cavity wall insulation is not considered to be development requiring planning consent – no planning permission is likely to be required for internal works in properties which are not listed.
- Listed Building Consent likely to be required for listed buildings.
- Making significant changes to thermal elements (walls, roofs or floors) would normally require Building Regulations approval through a building control body. The CWI installer should be able to submit a notice to a building control body on your behalf.
- Applicable Building Regulations: Part A (Structural Safety), Part F (Ventilation), Part L (Conservation of fuel and power).

Cost: ££

Disruption: ■ ■ □ □ □

Useful links

- [How to install cavity wall insulation - Energy Saving Trust](#)
- [Cavity wall insulation - Centre for Sustainable Energy \(cse.org.uk\)](#)
- [Building Regulations: Cavity Wall - Insulation - Planning Portal](#)
- [Energy Efficiency and Historic Buildings: Early cavity walls | Historic England](#)



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