

General Insulation advice sheet for cavity wall insulation

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Drilling the wall



- Homes built from 1920 onwards, the external walls are normally constructed from two layers of masonry with a small gap or 'cavity' between them. This means they are 'cavity walls'.
- Insulating your cavity walls means filling the gap with insulation, of which there are various products available.
- Cavity wall insulation is an effective way to save energy and money. Carrying out these works will keep the warmth within the internal envelope.
- A survey of the property will need to be carried out to determine what form of insulation might be needed: Fibre, polystyrene bead, or urethane foam.
- If rubble, or stone ties are present it may not be possible to install any insulation.
- The works are carried out externally and avoids any disruption internally. The process is straight forward; the installer drills small holes within the mortar joints at regular intervals. The insulation material is blown into the cavity and the holes within the mortar are re-pointed.
- Insulating your cavity walls will help you to heat your home more efficiently. Using less energy reduces carbon dioxide emissions (CO₂):. Money will also be saved on your bills.
- Cavity wall insulation can also help to reduce condensation inside the house.
- Many properties in Calderdale have non-standard stone cavities, it may be possible to insulate these following a survey.
- Cavity wall insulation could be fully grant funded depending on your circumstances, contact the Council's Housing Energy Action Team for further information on 01422 288001 or email heat@calderdale.gov.uk

Measure	Annual saving per year (£)	Installed cost (£)	Installed payback	CO ₂ saving per year
Cavity wall insulation	Up to £140	£450-500	Under 4 years	Around 560kg

*Figures quoted assumes a 3 bed, semi detached property. Source: Energy Saving Trust.

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