

Ref: 201 - CAVITY WALL INSULATION

On average 35% of heat in a home is lost through the walls. This can be reduced to 10% by installing cavity wall insulation with an annual saving of around £65-£75, year after year. The average cost of cavity wall insulation is between £300 and £500 with a pay back period of between 4-8 years.

❖ **More than £1 in every £3 you spend on heating escapes through the walls - it literally pays to have cavities insulated!**

Cavity wall insulation involves filling the brick cavity with insulation, which can be foam (polyurethane or urea formaldehyde), mineral wool (glass or rock), or polystyrene beads/granules.

A specialist installer who is registered with the industry guarantee scheme must undertake installation. Professional installation is simple, trouble free and generally completed in less than a day. The installer will carry out a pre-fill inspection and will notify you if for any reason your home is not suitable for cavity wall insulation. One should ensure that installers are registered with Cavity Insulation Guarantee Agency Tel. 01582 792283 or National Cavity Insulation Association Tel. 01428 654011. All the materials and work must conform to the relevant British Standard.

References:

BS 5617:1985	Specifications for urea - formaldehyde (UF) foam systems suitable for thermal insulation of cavity walls with masonry or concrete and outer leaves.
BS 5618:1985	Code of practice for the thermal insulation of cavity walls (with masonry or concrete inner and outer leaves) by filling with (UF) urea formaldehyde foam systems.
BS 6232	Thermal insulation of cavity walls by filling with blown man-made mineral fibre
Part 1: 1982	Specification for the performance of installation systems.
Part 2: 1982	Code of practice for installation of blown man-made mineral fibre in cavity walls with masonry and/or concrete leaves.
BS 7457:1991	Specification for polyurethane (PUR) foam. Systems suitable for stabilisation and thermal insulation of cavity wall with masonry or concrete inner and outer leaves.
BS 7456:1991	Code of practice for stabilisation and thermal insulation of cavity walls (with masonry or concrete inner and outer leaves) by filling with polyurethane (PUR) foam systems.
BS 8208:	Guide to assessment of suitability of external cavity walls for filling with thermal insulants. Part 1: 1985 Existing traditional cavity construction.
BS 5250:1989	Code of practice for control of condensation in buildings.

Mission Statement

SCARF aims to work through partnership to promote sustainable use of energy, eradicate fuel poverty and create sustainable employment and training opportunities.

Core Objectives

- + To provide free impartial and accessible energy efficiency advice and information services to help save energy, save cash and help save the environment.
- + To encourage investment in energy efficiency and renewable energy measures and grant take up for property improvements to achieve affordable warmth.
- + To create sustainable employment and training opportunities.

SCARF Provides

One Stop Energy Advice Shop offers free impartial advice and information:

- + Energy efficiency in the home, business and the community
- + Renewable energy in the home, business and the community
- + Grants for loft and cavity wall insulation
- + Grants for draughtproofing
- + Grants for central heating
- + Grants for renewable energy installations
- + Paying for fuel and fuel suppliers
- + Choice and operation of heating and hot water systems

SCARF also offers:

- + Home visits
- + Home energy checks
- + Presentations and informal training
- + NVQ and City & Guilds Qualifications

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