**Solid wall insulation (external)**

**What is it?** Solid walls have no gap so they can’t be filled with cavity wall insulation. Homes built before 1920’s are likely to be solid walls. Insulation to solid walls can either be constructed on the outside walls of your home (external) or on the inside walls (internal). External wall insulation involves putting an insulating layer (about 100mm thick) on the outside of your home and is usually covered with bricks slips or a render.

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| **Cost** ££££ |
| **Improvement** ↗↗↗↗ |
| **Disruption** !!! |

**Property designations?** Is your home in a Conservation Area? Is it subject to an Article 4 Direction? Is it a Listed Building? These considerations may impact whether development to your property requires planning permission or not. An interactive map showing conservation areas and listed buildings can be [found here](https://ssa.camden.gov.uk/connect/analyst/mobile/#/main?mapcfg=CamdenConservation&lang=en-gb). Details of Article 4 Directions can be [found here](https://www.camden.gov.uk/article-4-directions-heritage-and-conservation). If you are uncertain please contact the planning service [planning@camden.gov.uk](mailto:planning@camden.gov.uk)

Listed Buildings - before embarking on any internal or external works, please discuss the matter with a member of the built heritage Conservation Team (planning@camden.gov.uk) or apply for listed building consent, details [available here](https://www.camden.gov.uk/listed-buildings). Listed building consent is always required for works that have the potential to affect the character or special interest of a listed building.

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| No designation (dwelling houses only, not flats) | Permitted development (planning permission is not required)  Conditions:   * materials used to match the appearance to the existing dwellinghouse |
| Conservation Area (with or without Article 4 Direction) | **Planning permission required**  The side elevation may be acceptable where: it can be applied without having to extend the roof eaves; original detailing can be reinstated; the junction with the front elevation is seamless; and the insulation is given a finish which matches the material, colour, and texture of the prevailing finish.  Side elevations which are highly visible are unlikely to be acceptable.  The rear elevation is most likely to be acceptable where the rear elevation does not form part of a decorative or uniform composition, provided that: render or other finishes match the colour and texture of the prevailing brickwork and/or the predominant existing render/paint colour, where it exists; the materials can demonstrate adequate longevity and durability; junctions with adjoining properties and around window and door reveals are sensitively considered. |
| Listed Buildings | **Listed Building consent required**  This is unlikely to be acceptable in a listed building due to impact on the fabric of the building and maintenance of original fabric due to moisture build up. |
| Building Regulations | Part F (Ventilation)  Part L (Conservation of fuel and power)  Part P (Electrical safety)  Planning portal, Building Regulations information on solid wall insulation, see [this webpage](https://www.planningportal.co.uk/info/200130/common_projects/32/insulation/5). |

**Applying for planning permission** (if required)

For external solid wall insulation the following information will be required alongside a full planning application form. Planning application forms can be filled in [online](https://www.camden.gov.uk/apply-planning-permission) through the planning portal or other digital platforms available.

* [Site location plan](https://www.camden.gov.uk/types-scale-drawings-plans-planning-applications)
* Existing plans, sections and elevations
* Proposed plans, sections and elevations of the proposed installation including:
  + details of how the insulation will junction with the roof eaves;
  + details of how the insulation will abut neighbouring properties;
  + (where applicable) details of window and door reveal treatment;
  + make, colour and sample reference for the external insulation product.

**What will be considered?**

* Appearance of property and streetscene
* Effect on the relationship of façade with adjoining properties and terrace
* Impact of new materials on long term survival of original fabric and maintenance