**Solid wall insulation (internal)**

**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). Internal wall insulation uses insulation boards or a wooden frame filled with insulation attached to the inside of your walls.

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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

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  | Permitted development (planning permission is not required) |
| Conservation Area (with or without Article 4 Direction) | Permitted development (planning permission is not required) |
| 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, internal details 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). |

**Other considerations**

Natural and breathable insulation materials allow for the transfer of moisture to avoid build-up of condensation and rot. You should always check and be aware of the chemical content of the insulation materials to be installed internally into your property. Naturally, based materials are more resilient, sustainable and can ensure that they would not affect your health whilst in use long term.