

Fact sheet

External wall insulation

What is external wall insulation?

External wall insulation (EWI) is a material that's made of layers of thermally efficient insulation boards. It's fixed to the external walls of your home and finished with a protective render and a decorative coloured texture or brick slip finish.

How does it work?

The thermally efficient layer stops your home losing heat, reducing energy costs in colder months. In summer, it helps keep your home cool and comfortable by stopping it warming up too quickly and overheating.

Will it change the way we live?

Homes with EWI need more ventilation than homes without it, as air can't escape through the walls. You'll need to make sure you have enough ventilation to stop condensation, particularly in winter. You can ventilate your home by opening window vents and windows, and by using extractor fans in bathrooms and kitchens.

Because your home will be more airtight, we don't encourage you to dry washing indoors, as it can cause condensation. If you do dry your washing inside, please make sure the room where you're drying it is well ventilated by opening vents or windows.

What do the works involve?

The works will take between six and eight weeks to complete. Depending on your home, you may also need some or all of these preparation works to be done:

- Scaffolding
- Roofline extensions and insulated eaves
- Loft insulation assessment (and upgrade if required)
- Extractor fan upgrades
- Door undercut gaps altered for better airflow
- Extension of outside plumbing pipes
- Removal and replacement of exterior electrical fittings, including aerials and satellite dishes
- Removal of fencing and gates attached to the building (and refitting at the end of works).

Got a question?

Email energyteam@nottinghamcity.gov.uk or call **0115 915 2222**.

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