

Making homes energy efficient

External Wall Insulation

At IZ Energy, we specialise in energy-efficient External Wall Insulation. With years of experience in the insulation industry, our team of experts are dedicated to providing External Wall Insulation tailored to your property's specific requirements

What is EWI?

External Wall Insulation (EWI) is a method of insulating the external walls of a building to improve its thermal performance and energy efficiency. It involves applying insulation and protective layers to the outside walls of a property. Below is a brief explanation of how EWI is installed:

Insulation Material:

EWI involves the application of insulating materials onto external walls, which offer high thermal resistance and reduce heat transfer through the walls.

Fixing System:

Insulation boards are securely attached to walls with mechanical fixings and adhesive, creating a layer of insulation covering the exterior of the building.

Reinforcement:

Reinforcing mesh is placed into a basecoat of adhesive or mortar and applied over insulation. This strengthens and provides additional support.

Topcoat:

After the basecoat cures, a final finishing layer of render or cladding is applied over the mesh to protect the insulation. The topcoat may be customised.

Finishing Touches:

Any necessary detailing, such as around windows, doors, and other openings, is carefully carried out to ensure a seamless and watertight finish.





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Benefits of EWI

Installing External Wall Insulation offers numerous advantages, including:

Energy Savings:

External Wall Insulation reduces heat loss and keeps your home warmer, resulting in lower energy consumption and heating bills.

Enhanced Comfort:

Enjoy a more comfortable living environment with consistent temperatures throughout your home. No more cold spots or drafts!

Aesthetics:

Gives your property a fresh new look.

Weatherproofing:

External Wall Insulation offers protection against wind, rain, and moisture. It prevents dampness and mould.

Eco-Friendly:

External Wall Insulation improves the energy efficiency of your home, lowers your carbon footprint and greenhouse gas emissions.



We are committed to your satisfaction and are here to assist you every step of the way. Please contact us if you have any questions or require additional support.

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