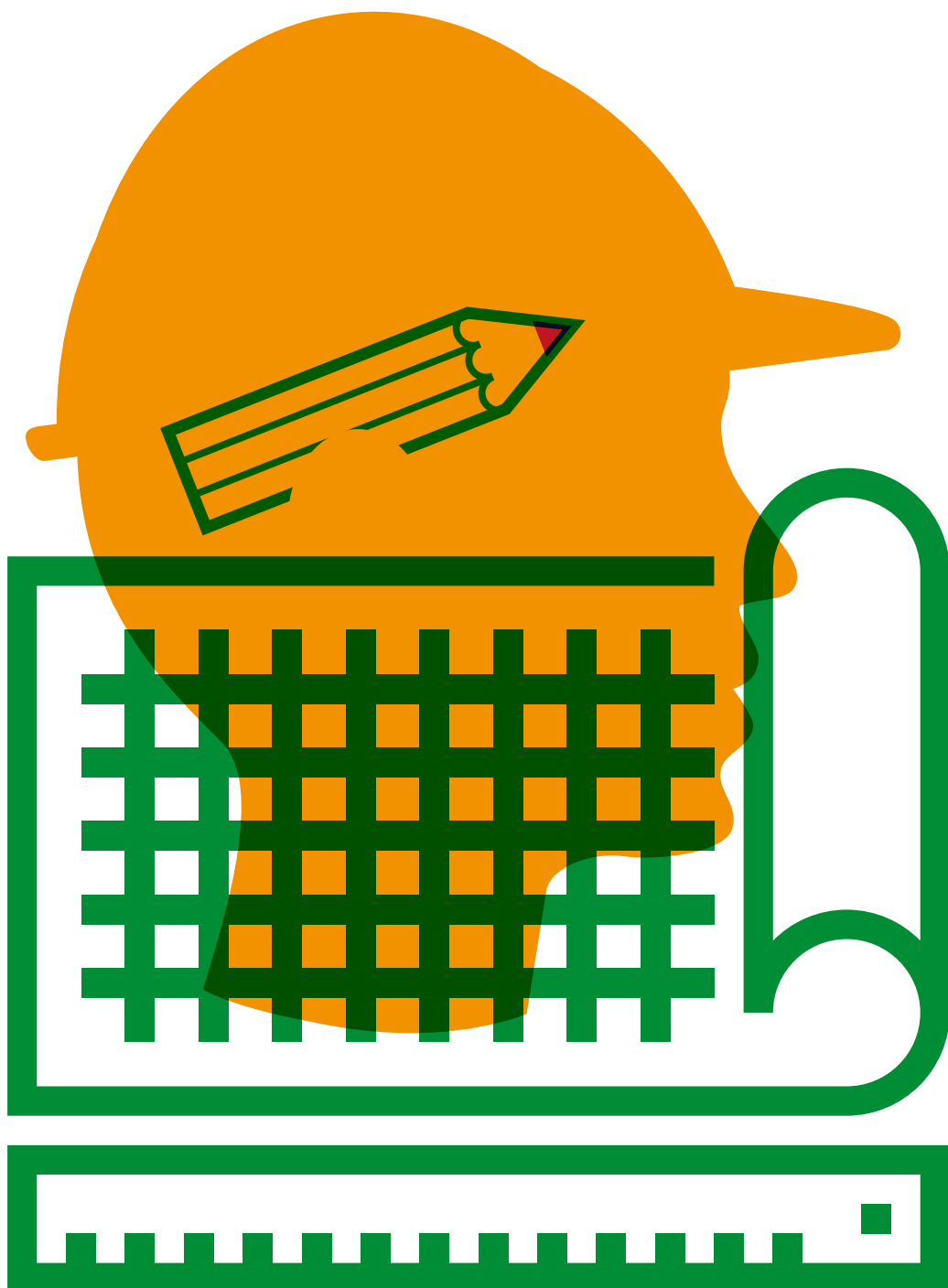


New Build

Creating a sustainable environment





Modern methods of construction

The UK construction industry sees new developments, techniques and materials introduced on a daily basis, but there is one element that remains central to any new building design; sustainability.

Architects, contractors and consultants are under continued pressure to not only create unique designs, but to also highlight how the building will save energy, reduce carbon emissions and have a positive impact on its local environment.

With project budgets and timescales ever stricter, contractors are increasingly using modern methods of construction to reduce build times. Recent years have seen the industry embrace the use of insulated render systems as part of a building design to aid speed of installation, assist with producing an energy efficient building and create an attractive exterior façade.

We have been at the forefront of developing insulated render systems to work with modern construction techniques for many years, which is why our solutions are the first choice for many new build projects.

As your solid wall insulation partner, we will be with you every step of the process and go the extra mile to ensure the desired outcome is delivered.



External Wall Insulation

Synonymous with domestic regeneration projects, external wall insulation can also offer significant benefits to new build developments. A third of a building's heat is lost through the walls and, by effectively insulating these from the outset, the cost of heating the property will be kept to a minimum.

It is not just the end client that benefits from the performance of insulated render systems, they also offer numerous advantages to contractors and installers due to the possible time savings compared with traditional block and brick construction.

We provide full installation training on all of our EWI solutions so applicators can be approved to install a range of our systems in just a few days, meaning they can hit the ground running as soon as a project starts.

The external appearance of a new building is equally as important as the internal space. With several different finishes to choose from in hundreds of different colours, styles and textures, external render can contribute to creating a visually striking building. With architects wanting to make a statement with every new building, we often work closely with designers to develop a bespoke solution that meets specific design aspirations.

The benefits of utilising insulated render systems for new build developments should not be overlooked

- Improves the overall energy efficiency of the building
- Ability to meet a wide range of thermal requirements
- Can address the issue of skills shortages within the industry
- Cost effective in both materials and time on site
- Internal building footprint is increased, improving build cost per m²
- Helps improve carbon footprint by reducing construction energy costs
- Can improve acoustic performance and comfort
- Can use sustainable and recyclable materials
- Creates a modern, clean and weatherproof exterior façade
- Minimal maintenance requirements





A solution for any environment

Commercial & Leisure

Faced with ever increasing costs and stricter project schedules, construction companies have turned to quick-build steel frame, timber frame and panel systems that greatly reduce build times and allow internal work to start much sooner.

Adding external insulated render not only reduces scaffolding and build costs, but also allows much greater thermal efficiency, achieving U-values which would be extremely difficult to reach using traditional methods. By utilising thin coat render systems, designers can create colourful modern façades that can be offset with other finishes such as brick or stone cladding.

Educational

Suffering the effects of using poor building materials and aging heating systems, schools and colleges of the past have generally been labelled as energy inefficient. More recent new-build education developments have embraced modern methods of construction such as steel frame, timber frame and SIPs panel construction, allowing the installation of highly efficient external thermal insulation systems.

We have been involved in many new educational and academy projects, designing insulated render solutions for a wide range of complex structures.

Residential

Combining modern building methods with external wall insulation not only increases a home's internal space, but also allows much greater thermal efficiency, with very low U-values or even Passive Haus standards being achieved.

Our vast array of decorative finishes offer a diverse range of colours and textures to give designers creative freedom, as well as creating a façade with a high quality, low maintenance finish.



Specialist

systems for varied construction

Steel and timber frame

Widely used in commercial properties and public buildings, steel and timber frame construction methods allow the quick and simple erection of building structures. Benefiting from significantly faster build times, internal works can commence much sooner than with traditional methods of construction.

Our Epsitec system has been purpose-designed for this type of construction, with an extensive choice of final finishes, textures and colours ensuring a modern, seam-free appearance.

Modular construction

Non-traditional construction methods that focus on modular builds, panels and pods being constructed off-site are becoming increasingly popular, due to the 'fast track' pre-fabricated solutions' proven ability to significantly reduce build time and costs.

We have developed a modular build EWI system that has been specially designed to work with factory precision construction while reducing installation time by half.

Traditional construction

Typically, 'traditional build' refers to structures where an internal load bearing leaf of masonry walling is tied to an outer leaf of either block or brick and remains one of the most widely used construction methods in the UK.

Combining single skin construction with external wall insulation has been standard on the continent for decades and now, more architects and developers are turning to the solution in the UK. We have developed a variety of systems that provide a traditional appearance, without the lengthy build times and expensive skilled labour typically associated with this type of construction.





Wetherby system solutions

Modular Façade

We have developed a Modular Façade System designed to work with a variety of construction techniques, including ICF, SIPS, timber frame and steel frame. Our Modular Façade System can incorporate an assortment of finishes onto insulation including; silicone/acrylic, stone render and brick slips. This system offers a wide range of colour and finish options to suit any build. For projects where insulation is not needed, the same render and brick finishes can be applied directly to a Wetherby render carrier board.

Modular Façade



Rail Fix

Designed to work with steel frame, timber frame and SIPS construction methods, our rail fix system incorporates a 15mm minimum drainage cavity between the structure and external cladding.

Offering architects, specifiers and end client's flexibility, the system is available with a choice of insulants, or a render carrier board, where range of innovative finishes can be applied to enable any design aspirations to be met.

Rail Fix





Thin Coat Render

Our contemporary insulated render solution, our thin coat system has been developed to offer an energy efficient insulation, combined with a clean, modern finish, to achieve visually striking exterior facades.

Utilising our high-performance Enhanced EPS insulation board, the system can be finished with any of our thin coat renders including silicone, acrylic and mineral render.



Clay Brick Slip

Our clay brick slip system has been specifically designed for developers and architects that wish to achieve the traditional look and feel of genuine brick, without the high costs and long build times associated with brick construction. The Wetherby Clay Brick Slip system utilises our enhanced EPS insulation which is then finished with either our 15mm, 9mm or 7mm brick slips to offer a traditional brick finish for the property.





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