



Changes to Part L - FAQs



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Why are the changes being introduced?

The built environment produces approximately 40% of all greenhouse gas emissions generated in the UK, with more than a third of that figure produced by homes. The changes are being introduced to significantly reduce domestic carbon emissions, paving the way for the construction industry to decrease emissions by 75% in 2025 and reach its net zero target by 2050.

The new regulations will result in a substantial reduction in energy usage while simultaneously increasing thermal efficiency.

What does Part L mean for the industry?

The new legislation means that thermal regulations for windows and openings will change. The current U-values for the thermal transmittance of windows and openings into all settings, including both new and existing buildings, will be upgraded.

Will the new regulations have an impact on cost?

We have been working incredibly hard for more than a year to ensure our products meet, and in many cases, exceed - the new requirements and, as such, we don't envisage any significant impact on the cost of windows and façades when the new rules come into force in June this year.

What will the U-values be for new dwellings from June 15, 2022?

The U-value will be 1.6 W/(m²k) for windows and doors, including glazed doors, in new build properties.

What will the U-values be for existing dwellings from June 15, 2022?

The U-value will be 1.4 W/(m²k) or Window Energy Rating Band B minimum for windows, 1.4 W/(m²k) or Doorset Energy Rating Band C minimum for doors with more than 60% of internal face glazed, and 1.4 W/(m²k) or Doorset Energy Rating Band B minimum for all other doors.

What will the U-values be for commercial buildings from June 15, 2022?

The U-value will be 1.6 W/(m²k) or Window Energy Rating Band B for windows in buildings that are similar to dwellings, and 1.6 W/(m²k) for all other windows, roof windows, curtain walling, and pedestrian doors.

What do I need to do to prepare for Part L?

We would urge specifiers, contractors, fabricators, and installers to start preparing for the changes now – June 2022 will soon be upon us. We recommend that you familiarise yourself with the regulations and ensure

The Government has announced changes to Part L of the Building Regulations which will come into effect on June 15, 2022. The changes are designed to reduce the amount of carbon emitted from our buildings by 30% when compared to current levels. This will have significant implications for the design and construction of buildings - including window and Façade systems.

To help our customers understand what the changes mean, and how they can prepare, we've compiled a collection of frequently asked questions.

you understand the implications for window systems as well as other parts of the building envelope. It is also advisable to consult with specialists to understand how the change in U-value requirements will impact on the appearance and cost of façade systems. This will enable you to begin planning future specifications and installations using the most suitable products, safe in the knowledge that they are fully compliant with the new rules and will meet your clients' design requirements.

What products does Reynaers offer that meet the new requirements?

Over the past year, we have rigorously benchmarked the new U-values against our current products and designed new ones to ensure our offering is compliant with the new Part L rules. This involved a detailed Finite Element Analysis (FEA) using specific thermal modelling software to calculate the products' performance. We also carried out additional analysis associated with the British Fenestration Rating Council (BFRC) to give our customers the utmost confidence in their purchasing decisions.

Thanks to this, we offer a comprehensive range of products, including windows, doors, sliding doors, folding doors, and curtain walls, which are fully compliant with the new regulations. Some of our products also exceed the new U-value requirements, providing additional thermal performance and future proofing them ahead of additional regulatory changes.

How will Reynaers keep customers up to date on the changes?

We would like to reassure our customers that we have been preparing for the forthcoming changes for well over a year to ensure that our products are fully compliant with the updated regulations.

We have also been closely involved in the development of the new legislation. John McComb, Reynaers' Technical Director, has been a member of the Council for Aluminium in Building for more than 20 years and sits on various committees. Reynaers is also a member of the Centre for Window and Cladding Technology (CWCT) group and is actively involved with trade bodies and the Government.

To help support the industry, we'll be announcing a series of online events and publishing a range of guidance materials to make it as easy as possible for our customers to choose products that not only comply with the new regulations but also meet the right performance and aesthetic standards.

To keep up to date with news and information from Reynaers on the regulation changes, visit:

www.reynaers.co.uk/PartL



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