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Navigating the Future Homes Standard: Part L for Existing Dwellings (Energy Efficiency)

A Quick Guide for:
Architects | Surveyors | Specifiers

www.rehau.com/uk-en/intheframe
enquiries@rehau.com
Tel: 01989 762600

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On 27 June 2019, the UK became the first major economy in the world to set its net zero greenhouse gas emissions target in law.

To achieve this by 2050, updates to Part L and F of the building regulations come into force as of 15 June 2022.

Naturally the pace of change and ongoing debate around this has caused much disruption among the construction sector. In response, REHAU has developed this simple fact sheet as a reliable aid.

Targets You Need to Know – Introduction 15th June 2022

'U' Values, Window Energy Ratings (WER) and doorset energy ratings (DSER) of replacement windows and doors must be both: -

- No worse than that of the element being replaced
- Meet the limiting standards below (Lowest specification of 'U' Value or WER/DSER allowable)

Description	'U' Value	WER/DSER
Windows	1.4W/m ² K	B
Doors with glazed area greater than 60%	1.4W/m ² K	C
Other doors	1.4W/m ² K	B

'U' Values, any windows and doors replaced will need to be at least the level of performance detailed in Table 4.2 above.

Timeline of Changes

- 15 June 2022 – Initial updated Part L & F Regulations come into force
- Spring 2023 – Technical consultation on the proposed specification of the Future Homes standard
- 2024 – Part L Homes Standard Regulations Completed – Target Value 0.8 W/m²k
- 2025 – Part L Future Homes Standard Regulations come into force

- New homes built from 2022 will produce 31% less carbon emissions
- New homes built from 2025 will produce 75-80% less carbon emissions

Future-proof your designs with high-performance uPVC

With growing pressure on developers to select products capable of maximising the performance of the buildings they work on; windows are now being looked to for those marginal gains. Of the various materials available, polymer has risen in popularity as the specifier's choice in recent years due to the pace of innovation.

The REHAU TOTAL70 window and door system has long exceeded the relevant Building Regulations. Next is an outline of the latest REHAU FENSA (Fenestration Self-Assessment Scheme) calculations in line with the latest uplift:

System with fully reinforced profiles	Target U-Value	IGU Centre Pane Required
T70c Casement Window	1.4 W/m ² K	1.2 W/m ² K
T70 Tilt and Turn Window	1.44 W/m ² K	1.2 W/m ² K
T70R Top swing reversible window	1.4 W/m ² K	1.2 W/m ² K
RIO Flush casement window	1.4 W/m ² K	1.2 W/m ² K
Heritage sliding sash window	1.4 W/m ² K	1.2 W/m ² K
Residential Door T70c glazed area over 60%	1.4 W/m ² K	1.2 W/m ² K
Residential Door others	1.4 W/m ² K	1.2 W/m ² K
French Door T70c glazed area over 60%	1.4 W/m ² K	1.2 W/m ² K
French Doors others	1.4 W/m ² K	1.2 W/m ² K
REHAU AGILA Sliding patio door	1.4 W/m ² K	1.2 W/m ² K

Need more information?

REHAU's commercial technical team is ready to answer any design questions you may have, as well as supporting your specification process. Why not book a *free CPD to ensure your specification team are compliant and understand the new compliance requirements for windows and doors. T&C's apply.



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Hill Court, Walford,
Ross-on-Wye, HR9 5QN

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