

REHAU PART L COMPLIANCE DECLARATION

REHAU confirms that windows made from REHAU PVC-U systems comply with the minimum requirements of Part L edition 2010 for existing dwellings, when glazed with the appropriate glass.

According to Part L regulation, the requirements for work on windows in existing buildings are met when:

APPLICATION	REQUIREMENT	REHAU SYSTEM		DOUBLE GLAZED UNIT REQUIRED	
				U _{glazing} VALUE	
				WARM EDGE Ψ0.04	METAL Ψ0.06
REPLACE- MENT OR EXTENSIONS IN EXISTING DWELLINGS	U _{window} VALUE 1.6 W/m²K	REHAU TRITEC 60MM	FULLY REINFORCED	1.4 W/m²K	1.2 W/m²K
			STANDARD REINFORCED	1.5 W/m²K	1.3 W/m²K
			UN-REINFORCED	1.5 W/m²K	1.3 W/m²K
		REHAU S706 & EDGE 70MM	FULLY REINFORCED	1.4 W/m²K	1.2 W/m²K
			STANDARD REINFORCED	1.5 W/m²K	1.3 W/m²K
			UN-REINFORCED	1.5 W/m²K	1.3 W/m²K
			THERMAL SLEEVE REINFORCED	1.5 W/m²K	1.3 W/m²K
			THERMAL SLEEVE UN-REINFORCED	1.6 W/m²K	1.4 W/m²K
		REHAU HERITAGE	FULLY REINFORCED	1.3 W/m²K	1.1 W/m²K
			STANDARD REINFORCED	1.4 W/m²K	1.2 W/m²K
	U _{door} VALUE 1.8 W/m²K	REHAU TRITEC 60MM OR S706, REHAU EDGE 70MM		1.7 W/m²K (OR PANEL)	1.6 W/m²K (OR PANEL)
	WER BAND C	REHAU TRITEC 60MM OR S706, REHAU EDGE 70MM, REHAU HERITAGE		CONSULT REHAU FOR DETAILS	
	CENTRE PANE U-VALUE 1.2 W/m²K (SEE PART L DOCUMENT FOR DETAILS)	REHAU TRITEC 60MM OR S706, REHAU EDGE 70MM, REHAU HERITAGE		U _{glazing} VALUE 1.2 W/m²K	

All window values are based on the standard casement window (BS EN 14351), fixed beside opening light 1.23m wide by 1.48m high or on a vertical sliding window 1.23m wide by 1.48m high.

Door values are based on BS EN 14351 - Residential door at 1.23m wide by 2.18m high with a midrail and French/Patio doors at 2m wide by 2.18m high.

For calculation, the linear thermal transmittance has been taken from EN ISO 10077-1:2000 table, E1 metal spacer - 0.06 W/mK and by calculation in accordance to EN ISO 10077-2, warm edge spacer - 0.04 W/mK.

The table shows values for worst case frame to sash profile combination and can be improved by choosing different combinations. Double glazed units with U_{glazing} Values as per the table are readily available on the market. Consult REHAU for further technical advice.

Exceptions are made for work undertaken in connection with buildings with special historic or architectural value. Please refer to the building regulations and English Heritage guidance notes for further details.

In this case, suppliers of finished windows and glazed doors made from REHAU systems only need certified proof that the glass units meet the requirement.

A Completion Certificate from your Local Authority Building Control or from FENSA is required as 'proof' of compliance with Document L: Building Regulations.

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