

## What has changed?

The 2021 edition of Approved Document L, Volume 1, introduces new minimum efficiency standards (backstop values) for both new and replacement thermal elements, windows and doors. New build schemes will be assessed under the new SAP 10 (Standard Assessment Procedure) method. Most types of new window, including roof windows and glazed doors, must now achieve an improved U-value of 1.6 W/m<sup>2</sup>K compared to 2.0 W/m<sup>2</sup>K previously. However, the U-value of the glass will have to be much lower than this to enable a new dwelling to achieve its targets for primary energy, carbon emissions and fabric energy efficiency rates.

	<b>Notional U-value Target</b> [W/m <sup>2</sup> K]	<b>Notional U-value Target</b> [W/m <sup>2</sup> K]	<b>Backstop U-value/maximum</b> [W/m <sup>2</sup> K]	<b>Backstop U-value/maximum</b> [W/m <sup>2</sup> K]
	SAP 2012	SAP 10	SAP 2012	SAP 10
<b>Windows</b>	1.4	1.2	2.0	1.6

Notional and backstop values in SAP 10