



Uniclass L413:P7114	EPIC D1311:X725
CI/SFB (31.4)	Xn6

February 2005

BUILDING REGULATIONS AMENDMENTS: PART L- THERMAL INSULATION

Both our 65mm and 70mm suites exceed Part L requirements.

Document L is part of the Building regulations for England and Wales that sets the standards for energy efficiency in buildings. Similar standards are applicable in Scotland, Northern Ireland and the Republic of Ireland.

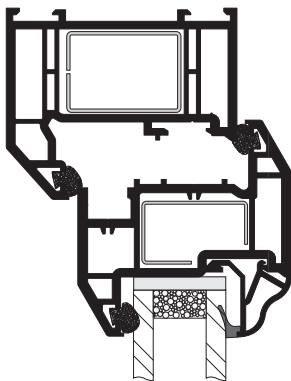


As part of the Worldwide Kyoto agreement, the UK Government has committed to reduce emissions of greenhouse gases, such as carbon dioxide. Almost half of the carbon dioxide emissions in the UK are generated from energy used to heat, light and cool buildings.

The revisions to Document L cover the construction of new dwellings (houses) and non-domestic buildings, such as offices and public buildings. In addition, work on existing housing, such as replacement windows installed as home improvements and conservatories not separated from the house are also covered.

the natural choice

specification



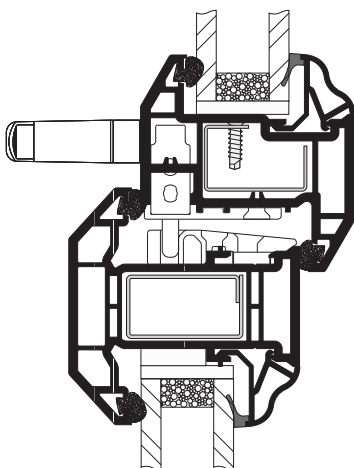
Products will then have to meet a certain thermal performance or U-value. In the case of windows, it is the combination of frame and glass that is studied. U-values are measured in Watts per square metre Kelvins (abbreviated as W/m^2K). Target values are as shown in the table below.

All framing materials	2.0 W/m^2K
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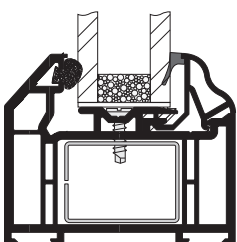
Duraflex has tested the Duraflex Diamond Suite at the BBA using the Guarded Hot Box Method. All test samples were reinforced to simulate on site specification. The Diamond Suite passed the test achieving U-values exceeding the required standard (BSENISO12567-1:2000). Results are shown below.

Duraflex Diamond Suite	1.8 W/m^2K^*
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When manufactured in accordance with the Duraflex Diamond Suite fabrication manual and fitted with either 24mm Low-e glass and warm edge spacer bar (air filled) or 28mm Opti Therm SN-soft coat glass ali spacer bar (air filled). *Test reports numbers 2496 and 2123 are available on request.



Bevelled externally glazed window general assembly



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