

Table of U-Values

Technical Guide

The following table gives centre pane U-values for the constructions and cavities shown.

Glass 1	Glass 2	Cavity Fill	Cavity Width (mm)							
			6	8	10	12	14	16	18	20
Clear	Clear	Air	3.3	3.1	2.9	2.8	2.8	2.7	2.7	2.7
Clear	Clear	Argon	3.0	2.9	2.8	2.7	2.6	2.6	2.6	2.6
Clear	Hardcoat low-E	Air	2.6	2.3	2.1	1.9	1.8	1.7	1.7	1.7
Clear	Hardcoat low-E	Argon	2.2	2.0	1.8	1.6	1.5	1.5	1.5	1.5
Clear	Standard Softcoat low-E	Air	2.5	2.1	1.9	1.7	1.5	1.4	1.4	1.5
Clear	Standard Softcoat low-E	Argon	2.1	1.7	1.5	1.3	1.2	1.2	1.2	1.2
Clear	HP Softcoat low-E	Air	2.4	2.0	1.8	1.6	1.4	1.3	1.3	1.3
Clear	HP Softcoat low-E	Argon	2.0	1.6	1.4	1.2	1.1	1.0	1.1	1.1
Overall IGU Thickness (2x4mm)			14	16	18	20	22	24	26	28

Key

<1.2	Specialist class-leading applications
1.3 – 1.5	Comfortably exceeds "Doc L" in most frames
1.6 – 1.9	Document L compliant range
2.0 – 2.5	Low level thermal insulation
>2.6	Standard double glazing

Notes

- U-Values are quoted in W/m²/K, rounded down to the nearest 0.1.
- Argon figures are based on a standard 90% fill.
- For multi cavity and low-E combinations please contact Customer Services.