Smarts Systems U Values: **Evolution**

Coverall U Values are calculated are in accordance April 2006 Building Regulation L1a, L1b, L2a and L2b, using the Standard Assessment Procedure SAP2005 Table6e with -0.27 adjustment for 10mm thermal break.

*Centre panes values are for guidance only for actual glass centre pane values consult your glazing supplier.

U Value W/m²K	Glass Specification Centre Pane*	Description
1.55	0.7	Triple-glazed, argon filled, (low-E en=0.05, soft coat),16mm or more
1.65	0.8	Triple-glazed, argon filled, (low-E en=0.05, soft coat),12mm Triple-glazed, air filled, (low-E en=0.05, soft coat),16mm or more Triple-glazed, argon filled, (low-E en=0.15, hard coat),16mm or more Triple-glazed, argon filled, (low-E en=0.1, soft coat),16mm or more
1.75	1.0	Triple-glazed, air filled, (low-E en=0.05, soft coat),12mm Triple-glazed, argon filled, (low-E en=0.15, hard coat),12mm Triple-glazed, argon filled, (low-E en=0.1, soft coat),12mm Triple-glazed, air filled, (low-E en=0.1, soft coat),16mm or more Triple-glazed, argon filled, (low-E en=0.2, hard coat),16mm or more
1.85	1.1	Triple-glazed, air filled, (low-E en=0.1, soft coat),12mm Triple-glazed, argon filled, (low-E en=0.2, hard coat),12mm Triple-glazed, air filled, (low-E en=0.2, hard coat),16mm or more Triple-glazed, air filled, (low-E en=0.15, hard coat),16mm or more
1.95	1.2	Triple-glazed, air filled, (low-E en=0.2, hard coat),12mm Triple-glazed, air filled, (low-E en=0.15, hard coat),12mm Double-glazed, argon filled, (low-E en=0.05, soft coat),16mm or more
2.05	1.3	Triple-glazed, argon filled, (low-E en=0.1, soft coat),6mm Triple-glazed, argon filled, (low-E en=0.05, soft coat),6mm Double-glazed, argon filled, (low-E en=0.05, soft coat),12mm
2.15	1.5	Double-glazed, air filled, (low-E en=0.05, soft coat),16mm or more Triple-glazed, argon filled, (low-E en=0.15, hard coat),6mm Double-glazed, argon filled, (low-E en=0.1, soft coat),16mm or more Triple-glazed, argon filled, (low-E en=0.2, hard coat),6mm
2.25	1.6	Double-glazed, air filled, (low-E en=0.1, soft coat),16mm or more Triple-glazed, air filled, (low-E en=0.05, soft coat),6mm Double-glazed, argon filled, (low-E en=0.1, soft coat),12mm Double-glazed, argon filled, (low-E en=0.15, hard coat),16mm or more Triple-glazed, argon filled, 16mm or more
2.35	1.7	Triple-glazed, air filled, (low-E en=0.15, hard coat),6mm Triple-glazed, air filled, (low-E en=0.1, soft coat),6mm Double-glazed, air filled, (low-E en=0.05, soft coat),12mm Double-glazed, argon filled, (low-E en=0.15, hard coat),12mm Triple-glazed, argon filled, 12mm Double-glazed, air filled, (low-E en=0.15, hard coat),16mm or more Double-glazed, argon filled, (low-E en=0.2, hard coat),16mm or more Triple-glazed, air filled, 16mm or more
2.45	1.8	Triple-glazed, air filled, (low-E en=0.2, hard coat),6mm Double-glazed, air filled, (low-E en=0.1, soft coat),12mm Double-glazed, argon filled, (low-E en=0.2, hard coat),12mm Triple-glazed, air filled, 12mm Double-glazed, air filled, (low-E en=0.2, hard coat),16mm or more
2.55	2.0	Double-glazed, air filled, (low-E en=0.15, hard coat),12mm
2.65	2.1	Double-glazed, argon filled, (low-E en=0.05, soft coat),6mm Triple-glazed, argon filled, 6mm Double-glazed, air filled, (low-E en=0.2, hard coat),12mm
2.75	2.2	Double-glazed, argon filled, (low-E en=0.1, soft coat),6mm Triple-glazed, air filled, 6mm
2.85	2.3	Double-glazed, argon filled, (low-E en=0.2, hard coat),6mm Double-glazed, argon filled, (low-E en=0.15, hard coat),6mm
3.05	2.6	Double-glazed, air filled, (low-E en=0.1, soft coat),6mm Double-glazed, air filled, (low-E en=0.05, soft coat),6mm Double-glazed, argon filled, 16mm or more
3.15	2.7	Double-glazed, air filled, (low-E en=0.2, hard coat),6mm Double-glazed, air filled, (low-E en=0.15, hard coat),6mm Double-glazed, argon filled, 12mm Double-glazed, air filled, 16mm or more
3.25	2.9	Double-glazed, air filled, 12mm
3.35	3.0	Double-glazed, argon filled, 6mm
3.55	3.3	Double-glazed, air filled, 6mm

? = Compliant
? = Non-Compliant
?/? = **Refurbishment/Extensions** (Compliant/Non-Compliant)

Table 6 Glass Specification for 10 mm thermal break