



This document shows suggested specifications and have been determined with consideration of more realistic scenarios, cost effectiveness and industry standards.

- No large head ventilation
- PVCu Thermal Reinforcement only
- No double coatings on DGU
- No triple coatings on TGU
- 90% Argon (10% Air) only
- 4mm glass only

LOWEST U-VALUE & HIGHEST ENERGY RATING

	U-Value: 0.65 W/m²K	WER: A++ (≥20 Energy Index)
Calculation Method	25% Rule	Standard
Outer Frame	Small	Small
Large Head	No	No
Glazing Flipper	Yes	No
Thermal Flipper	Yes	No
Glazing Thickness	56mm (Triple)	48mm (Triple)
External Pane	4mm Float	4mm Float
Cavity	90% Argon (10% Air)	90% Argon (10% Air)
Internal Pane	4mm Optitherm™ S1 Plus 4mm Planitherm® One T FG 4mm Climaguard® 1.0+	4mm K Glass™ 4mm Planibel G
Spacer Bar	Multitech (Butyl) or (PU/PS) Multitech G (Butyl) or (PU/PS)	Edgetech T-Spacer™ SG (Butyl) or (PU/PS) Edgetech Super Spacer® Premium Edgetech TruPlas® (Butyl) or (PU/PS)

Indicated values (U-Value and WER) can be improved further but with the use of 90% Krypton (10% Air) gas.

THERMAL COMPLIANCE - PART L (REPLACEMENT)

	U-Value: $\leq 1.4 \text{ W/m}^2\text{K}$	WER: B (-10 to <0 Energy Index)
Calculation Method	Standard	Standard
Outer Frame	Small	Small
Large Head	No	No
Glazing Flipper	No	No
Thermal Flipper	No	No
Glazing Thickness	28mm (Double)	28mm (Double)
External Pane	4mm Float	4mm Float
Cavity	90% Argon (10% Air)	90% Argon (10% Air)
Internal Pane	4mm K Glass™ A 4mm Planibel A	4mm K Glass™ 4mm Planibel G
Spacer Bar	Edgetech T-Spacer™ SG (Butyl) or (PU/PS) Edgetech Super Spacer® Premium Edgetech TruPlas® (Butyl) or (PU/PS)	Edgetech T-Spacer™ SG (Butyl) or (PU/PS) Swisspacer Advance (Butyl) or (PU/PS)

THERMAL COMPLIANCE - PART L (NEW BUILD)

	U-Value: $\leq 1.6 \text{ W/m}^2\text{K}$
Calculation Method	Standard
Outer Frame	Small
Large Head	No
Glazing Flipper	No
Thermal Flipper	No
Glazing Thickness	28mm (Double)
External Pane	4mm Float
Cavity	90% Argon (10% Air)
Internal Pane	4mm K Glass™ 4mm Planibel G
Spacer Bar	Edgetech T-Spacer™ SG (Butyl) or (PU/PS) Swisspacer Advance (Butyl) or (PU/PS)