

Full list of available glass units for Energy Rated Windows

BFRC Rating	WER	U-Value	External Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number	Door u-value
Standard Casement									
A+	13.69	1.3	Optiwhite	Pilkington KS	Thermobar	Argon	W2611	4439	1.4
A	7.13	1.3	Float	Pilkington KS	Thermobar	Argon	W2612	3067	1.4
A	1	1.39	6.8 Lam Low Iron	Pilkington KS	Thermobar	Argon	W1781	3067	
A	5.73	1.5	Optiwhite	Pilkington KOW	Thermobar	Argon	W1484	3067	
A	1.48	1.36	Optiwhite	Pilkington KS	Aluminium	Argon	W2718	3067	
B	-5.2	1.5	Float	Pilkington KS	Aluminium	Argon	W2614	3068	1.5
B	-3.8	1.3	6.8 Acoustic Lam	Pilkington KS	Thermobar	Argon	W2731	3068	
B	-3.8	1.3	6.4 Lam (not low iron)	Pilkington KS	Thermobar	Argon	W2727	3068	
B	-3.83	1.5	Float	Pilkington KS	Thermobar	Air	W1479	3068	
C	-11.1	1.63	Optiwhite	Pilkington KS	Aluminium	Air	W1383	2991	
C	-15.47	1.6	Float	Pilkington KS	Aluminium	Air	W2613	2991	1.7
C	-15.31	1.48	6.8 Lam Low Iron	Pilkington KS	Aluminium	Argon	W1784	3068	
C	-11.65	1.7	Float	Pilkington KOW	Aluminium	Argon	W1474	2991	
C	-16.81	1.49	6.4 Lam (not low iron)	Pilkington KS	Aluminium	Argon	W2719	2991	
Triple Glazed Standard Casement - 40mm Unit									
BFRC Rating	WER	U-Value	External pane	Middle Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number
A++	23	1	Optiwhite	Pilkington KS	Pilkington KS	Thermobar	Argon	W1603	4940
A+	12.04	1.1	Float	Float	Pilkington KS	Thermobar	Argon	W1605	4439
A	6.61	1.12	Float	Pilkington KS	Pilkington KS	Aluminium	Argon	W1606	3067
A	8	1	6.8 Lam Low Iron	Pilkington KS	Pilkington KS	Thermobar	Argon	W2287	3067
B	-2	1.3	Float	Float	Pilkington KS	Aluminium	Argon	W1804	3068
Triple Glazed Standard Casement - 28mm Unit									
BFRC Rating	WER	U-Value	External pane	Middle Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number
C	-15	1.5	Float	Float	Pilkington KS	Aluminium	Air	W1576	2991
Vertical Sliders - Standard Bottom Rail									
A	7	1.4	4mm Float	4mm Pilkington KS	Thermobar	Argon	2494	4071	
C	-15	1.7	4mm Float	4mm Pilkington KS	Aluminium	Air	2498	4072	
A	9	1.4	4mm Optiwhite	6.8 Lam KS	Thermobar	Argon	2495	4071	
C	-11	1.6	6.8 Lam Low Iron	4mm Pilkington KS	Aluminium	Argon	2499	4072	
A	9	1.4	6mm Optiwhite	4mm Pilkington KS	Thermobar	Argon	2496	4071	
C	-16	1.8	6mm Optiwhite	4mm Pilkington KS	Aluminium	Air	2500	4072	
A	1	1.4	6.8 Optiphon OW	4mm Pilkington KS	Thermobar	Argon	2497	4071	
C	-11	1.6	6.8 Optiphon OW	4mm Pilkington KS	Aluminium	Argon	2501	4072	
Vertical Sliders - Deep Bottom Rail									
A	1	1.4	4mm Float	4mm Pilkington KS	Thermobar	Argon	2502	4071	
C	-19	1.7	4mm Float	4mm Pilkington KS	Aluminium	Air	2505	4072	
A	4	1.5	4mm Optiwhite	6.8 Lam KS	Thermobar	Argon	2503	4071	
C	-19	1.6	6.8 Lam Low Iron	4mm Pilkington KS	Aluminium	Argon	2506	4072	
A	4	1.5	6mm Optiwhite	4mm Pilkington KS	Thermobar	Argon	2504	4071	
C	-19	1.6	6mm Optiwhite	4mm Pilkington KS	Aluminium	Air	2507	4072	
A	Not available We can not reach an A rated window using 6.8 Optiphon OW								
C	-19	1.6	6.8 Optiphon OW	4mm Pilkington KS	Aluminium	Argon	2508	4071	

Garrard Windows standard glass spec
 Alternative unit option if required

Thermobar and Swiss Ultimate have been confirmed as "like for like" spacer bars

Planitherm Total Plus and Pilkington KS are exactly the same performing glasses.