

Full list of available glass units for Energy Rated Windows & Doors

BFRC Rating	WER	U-Value	External Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number	All upvc Doors	Tilt & Turns
Standard Casement - 28mm Unit										
A+	13.69	1.3	Optiwhite	Pilkington KS	Thermobar	Argon	W2611	4439	1.4	1.4
A	7.13	1.3	Float	Pilkington KS	Thermobar	Argon	W2612	3067		
A	1	1.3	6.8 Lam ExtraClear	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	1.6
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		
B	-1	1.5	Optiwhite	Pilkington KS	Thermobar	Air	W2994	3068		
no rating	n/a	1.6	Float	Pilkington KS	Aluminium	Air	W2613	n/a		
no rating	n/a	1.48	6.8 Lam ExtraClear	Pilkington KS	Aluminium	Argon	W1784	n/a		
no rating	n/a	1.49	6.4 Lam (not low iron)	Pilkington KS	Aluminium	Argon	W2719	n/a		
Triple Glazed Standard Casement - 38mm Unit										
BFRC Rating	WER	U-Value	External pane	Middle Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number	
A++	23	0.94	Optiwhite	KS	KS	Thermobar	Argon	W2924	4940	
A+	19	0.94	Float	KS	KS	Thermobar	Argon	W2929	4439	
A+	11	0.98	6.8 Lam ExtraClear	KS	KS	Thermobar	Argon	W2928	4439	
A	7	1.2	Float	Float	KS	Thermobar	Argon	W4042	3067	
A	4	1.2	Float	KS	KS	Aluminium	Argon	W2926	3067	
B	-6	1.4	Float	Float	KS	Aluminium	Argon	W2927	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	
B	-8	1.33	Float	Pilkington KS	Pilkington KS	Aluminium	Argon	W2950	3068	
no rating	n/a	1.5	Float	Float	Pilkington KS	Aluminium	Argon	W2951	n/a	
Casement with deep (77mm) outer frame all round - 28mm Unit										
BFRC Rating	WER	U-Value	External Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number		
A	2	1.3	Optiwhite	Pilkington KS	Thermobar	Argon	W3220	4439		
B	-1	1.3	Float	Pilkington KS	Thermobar	Argon	W3213	3068		
B	-8	1.3	6.8 Lam ExtraClear	Pilkington KS	Thermobar	Argon	W3217	3068		
B	-8	1.3	6.8 Acoustic Lam	Pilkington KS	Thermobar	Argon	W3219	3068		
B	-8	1.3	6.4 Lam (not low iron)	Pilkington KS	Thermobar	Argon	W3218 rev A	3068		
no rating	n/a	1.5	Float	Pilkington KS	Aluminium	Argon	W3214	n/a		
no rating	n/a	1.6	Float	Pilkington KS	Aluminium	Air	W3215	n/a		
Resurgence Flush Sash - 28mm Unit										
BFRC Rating	WER	U-Value	External Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number		
A	0.11	1.26	Optiwhite	Pilkington KS	Thermobar	Argon	W3391	6174		
B	-3.41	1.26	Float	Pilkington KS	Thermobar	Argon	W3390	6175		
B	-9.26	1.26	6.8 Lam ExtraClear	Pilkington KS	Thermobar	Argon	W3398	6175		
B	-9.26	1.26	6.8 Acoustic Lam	Pilkington KS	Thermobar	Argon	W3865	6175		
Resurgence Flush Sash Triple Glazed - 38mm Unit										
BFRC Rating	WER	U-Value	External pane	Middle Pane	Internal Pane	Spacer	Gas	Simulation Number	BFRC Licence Number	
A	8.46	0.96	Optiwhite	KS	KS	Thermobar	Argon	W3403	6174	
A	6.12	0.96	Float	Pilkington KS	Pilkington KS	Thermobar	Argon	W3396	6174	
B	-7.58	1.15	Float	Pilkington KS	Pilkington KS	Aluminium	Argon	W3397	6175	
B	-1.31	0.99	6.8 Lam ExtraClear	Pilkington KS	Pilkington KS	Thermobar	Argon	W3395	6175	

PLEASE NOTE: Only highly insulated NEW BUILD dwellings can have a u-value between 1.4 and 1.6

Garrard Windows standard glass spec
 Alternative unit option if required