

A, A+, and A++ Ratings

Both Rustique & System 10 using 56mm outer-frame and our 40mm triple glazing have been reclassified as A++.

Energy ratings work with an energy index. This index defines what energy rating is given. Any negative value will give a rating of 'B' or less depending on the value.

Please refer to the table below which lists all of the products we current hold licenses for:

20 and above = A++ rated

10 - 19 = A+ rated

0 - 9 = A rated

System	Outer-frame	Outer-frame depth	Glazing	Energy Rating	Energy Index	U Value	BFRC Licence Number
S10	56mm	70mm	Double	A	9	1.4	4740
S10	72mm	70mm	Double	A	4	1.4	4741
S10 (thermal inserts)	56mm	70mm	Double	A+	10	1.4	4908
S10	56mm	70mm	Triple	A++	20	1.0	4984
S10	72mm	70mm	Triple	A+	14	1.0	4737
Rustique	56mm	70mm	Double	A	9	1.4	4740
Rustique	72mm	70mm	Double	A	3	1.4	4739
Rustique (thermal inserts)	56mm	70mm	Double	A+	10	1.4	4909
Rustique	56mm	70mm	Triple	A++	20	1.0	4983
Rustique	72mm	70mm	Triple	A+	11	1.0	4735
Vertical Sliding Sash	68mm	133mm	Double	A+	11	1.4	4734
Vertical Sliding Sash – Deep Bottom Rail	68mm	133mm	Double	A	8	1.4	4733
Eurocell Aspect PVCu Bifold Door	65.5mm	70mm	Double	A	0	1.4	D1675
R9	65mm	100mm	Triple	A+	16	0.8	5010
R9	65mm	100mm	Double	A	3	1.2	5009

The thermal inserts are only used with 56mm outer-frame and double glazed units to achieve an A+10 rating. This option carries a small surcharge and is now available on all relevant order forms.

The following glass specifications are used for all double & triple glazed energy ratings

- Inner pane - Pilkington KS Softcoat glass
- Outer pane - Pilkington Opti-white low iron glass
- Middle pane - Pilkington KS toughened Softcoat (40mm triple glazed only)
- Spacer bar - double glazed -Super spacer premium
- Triple glazed – Swiss Spacer Ultimate
- Cavity fill - Argon
- Seal depth - 5.5MM BUTYL

Obscure glass and 6mm glass do not affect the ratings and are therefore covered within the parameters of each licence. If you change the glass specification using any other combination with examples such as laminated or acoustic glass the windows will not be energy rated.

Please note we do not have any energy ratings on the following items and therefore 'U' values must be used:

- All Aluminium Products
- Composite & Residential PVCu Doors
- PVCu Patios
- Tilt & Turn Windows