

Now one glass
fits every energy rating.



Pilkington **K Glass™** range

With the Pilkington **K Glass™** range, achieving the energy rating you want couldn't be simpler. Our first addition to the range is Pilkington **K Glass™** OW, a new form of the existing Pilkington **K Glass™**, for use within Pilkington **energiKare™** products. This development on the original Pilkington **K Glass™** allows more light transmission, improves solar gain and enables you to achieve the highest energy rating in the greatest range of profiles yet.



PILKINGTON
NSG Group Flat Glass Business

Pilkington K Glass™ Range Benefits

- The UK's best-selling and most recognised low E glass brand
- The extended range offers greater solar gain to improve WERs
- Combined with the Pilkington **energikare™** system, this range makes it even easier to produce 'A' rated windows, subject to the window profiles used
- Increased light transmission helps to reduce the need for artificial lighting
- Pilkington **K Glass™** OW offers a brighter appearance
- Achieves a similar performance to soft coat glass, yet is easier to process and handle
- Suitable for use in PVC-U, timber and aluminium profiles – both in new and replacement windows
- Can be toughened, laminated and glazed in the same way as float glass
- Readily available from stock without the shelf life limitations of soft coat products



Pilkington K Glass™ and Pilkington K Glass™ OW – Performance in glazing

Outer Pane	Cavity	Inner Pane	Light Transmittance (%)	Outside Reflectance (%)	Centre Pane U value (U _g W/m ² K)	Total Solar Heat Transmittance (g value) %	Indicative BFRC WER Performance*	
							Aluminium Spacer Bar	Warm Edge Spacer Bar
Pilkington Optifloat™	16 mm Air	Pilkington K Glass™	75	18	1.7	72	E	D
Pilkington Optifloat™	16 mm Argon	Pilkington K Glass™	75	18	1.5	72	D	C
Pilkington Optiwhite™	16 mm Argon	Pilkington K Glass™	76	18	1.5	78	C	B/A
Pilkington Optiwhite™	16 mm Argon	Pilkington K Glass™ OW	78	18	1.5	79	C/B	A

Above determined in accordance with EN410 and EN673. Assuming 90% argon gas fill.

*Varies with frame performance.

■ Denotes Pilkington **energikare™** IGU

NB. Benefit of warm edge spacer bar technology would be reflected in overall window U value performance.

Thermal efficiency

Window Energy Ratings (WERs) are the Government-backed method of assessing and ranking the energy efficiency of a complete window. Taking into account the window's U value, solar gain and air infiltration, the scheme allows easy comparison of the overall energy efficiency of different competing products. The energy performance of an IGU can be improved in a series of steps gradually improving the Window Energy Rating; firstly argon filling improves U_g value, then low iron glass such as Pilkington **Optiwhite™** as the outer pane improves solar gain, and the addition of a warm edge spacer bar improves the U_w value of the window. If the rating required has still not been reached, the addition of a back pane of Pilkington **K Glass™** OW should help to achieve this.

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The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



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