

The clearest way  
to achieve an A.



## Pilkington **K Glass™** OW

For A-rated windows with unrivalled levels of clarity, Pilkington **K Glass™** OW is the clear choice. A development of the original Pilkington **K Glass™**, it allows better light transmission, improves solar gain and helps achieve a WER band A in most window profiles when used within a Pilkington **energiKare™** IGU. To get a clearer picture, request a sampler pack today.

## Pilkington K Glass™ OW – The benefits are clear

- A development of the original Pilkington K Glass™, the UK's best-selling and most recognised low-e glass brand
- Combined with Pilkington **energiKare™** IGUs, it makes it even easier to achieve A-rated windows
- Helps windows exceed the new Part L 2010 regulations
- Increased light transmission helps to reduce the need for artificial lighting
- Improved clarity when compared to standard low-e glass
- Achieves a similar WER performance to soft coat glass, yet is easier to stock, process and handle
- Suitable for use in uPVC, 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
- Benefits from the reputation, heritage and consumer awareness of the Pilkington brand



## Pilkington K Glass™ OW – Performance in glazing

| Outer Pane<br>(4 mm)            | Cavity<br>(Gas mm) | Inner Pane<br>(4 mm)             | Light<br>Transmittance<br>(%) | Outside<br>Reflectance<br>(%) | Centre Pane<br>U-value<br>(W/m²K) | Total Solar Heat<br>Transmittance<br>(g value) % | Indicative<br>BFRC WER<br>Performance* |                         |
|---------------------------------|--------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------------|--|--|-------------------------|
|                                 |                    |                                  |                               |                               |                                   |  | Aluminium<br>Spacer Bar                | Warm Edge<br>Spacer Bar |
| Pilkington<br><b>Optiwhite™</b> | 16 mm<br>Argon     | Pilkington<br><b>K Glass™</b>    | 76                            | 18                            | 1.5                               | 78   | C                                      | B/A                     |
| Pilkington<br><b>Optiwhite™</b> | 16 mm<br>Argon     | Pilkington<br><b>K Glass™ OW</b> | 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-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-value of the window.

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The CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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