



Trust Pilkington **K Glass™**.
Simply look at the hard facts.

There's been a lot of talk
lately about energy efficiency and glass...

Part L, Window Energy Ratings, solar gain and so on. But whatever you've heard, you can be certain that Pilkington **K Glass™** remains the right choice for you and your customers. The table overleaf shows you how, like soft coat glass, it easily meets and exceeds all the latest requirements – plus how it's easier to handle, toughen and process. Add to that the strength and support of the Pilkington brand, and you've every reason to carry on using Pilkington **K Glass™**. And that's a fact.



PILKINGTON

Hard Coat	vs	Soft Coat
Q: Can I be sure of meeting UK Building Regulations?		
A: Yes. Pilkington K Glass™ easily meets the regulations, just as it always has, in both new build and replacement windows. Best of all, whatever changes are made to the regulations, it should continue to meet them in future too.		A: Yes. In terms of thermal insulation soft coat glass meets regulatory requirements, even though its solar gain performance is poorer than Pilkington K Glass™ .
Q: Can I achieve the highest WERs?		
A: Yes. The new Window Energy Ratings are no problem for Pilkington K Glass™ , as it can achieve the same performance as soft coat glass in typical windows. Add in superior solar gain performance, and it can achieve even better WERs, right up to Class A.		A: Yes. Soft coat low E glass can achieve the same grade of WERs as Pilkington K Glass™ .
Q: How does the coating affect appearance?		
A: Hardly. All coated glass (whether hard or soft coat) reduces light transmission a little and causes a slight colour haze when viewed under laboratory conditions. To the naked eye though, in a double glazed window, it isn't noticeable. In fact, our competitors have had to re-touch photographs to falsely show any noticeable difference – simply because there isn't any.		A: Ditto. As with hard coat glass, there is a small reduction in light transmission and a slight colour haze. Additionally though, soft coat glass coatings change during toughening making process control more difficult, giving colour-match difficulties and increasing process losses and costs.
Q: Should I change to soft coat?		
Why would you want to? Pilkington Pilkington K Glass™ can do everything a soft coat glass can do, plus it's easier to process and handle.		A: Yes. If you want to waste time and money. Changing to soft coat would mean buying new equipment to process it. As the coating is 'soft', it also needs more careful handling, takes longer to toughen, has a limited shelf life and is likely to lead to higher replacement and reglazing costs.

Pilkington **K Glass™** Benefits

- The UK's leading low E glass
- Superior solar heat gain for higher performance
- The market's one and only brand recognised by homeowners
- Can be toughened and laminated
- Can be glazed in same way as float glass
- No specific sealants necessary
- Easy handling and processing
- No shelf life limitations
- Readily available from stock
- Exhaustively tested to British and European standards
- Free support materials

The values quoted are based on an insulating glass unit with 4mm Pilkington Optifloat™ Clear outer pane, argon (gas-filled) cavity and an inner pane of 4mm Pilkington K Glass™ .		4/16/4
Light	Transmittance	74%
	Reflectance	17%
Solar Radiant Heat	Direct Transmittance	60%
	Reflectance	16%
	Absorptance	24%
	Total Transmittance	72%
Shading Coefficient	Total	83%
U value (W/m²K)	16mm	1.5 W/m²K

This publication gives a general description of the product and materials. It is the responsibility of the users of this document to ensure that the proposed application of the product is appropriate and that such application complies with all relevant local and national legislation, standards, codes of practice and other requirements. To the extent allowed by law Pilkington United Kingdom Limited hereby disclaims all liability howsoever arising from any error in or omission from this publication and all the consequences of relying on it. Pilkington **K Glass™** are trademarks of the Pilkington Group.



PILKINGTON

Prescot Road St Helens WA10 3TT United Kingdom
 Telephone 01744 692000 Fax 01744 692880
 E-mail: pilkington@respond.uk.com
www.pilkington.com