

DID YOU KNOW? TESTING & RIGOUR.

We do more. We go further than anybody else to ensure you can trust that Pilkington products are made to deliver. From people and process to our scientific testing methods, take a look at some of our most amazing stats and facts.



We can detect impurities in the parts per billion range. That is the equivalent of detecting a teaspoon of material in an Olympic sized swimming pool.



100,000

Our Scanning Electron Microscope can magnify images by up to 100,000 times. We can detect things 10,000 times smaller than the width of a human hair.



Over 1000 hours

A typical product will undergo over 1000 hours of testing prior to release.

18
years

Pilkington **Activ™** has been on test now for 18 years and the original test piece is still working perfectly.



1300°C

Our Fire Protection products are tested with temperatures reaching up to 1,300°C.



1.5T

Pilkington **Planar™** fittings can be tested with loads up to 1.5 tonnes.



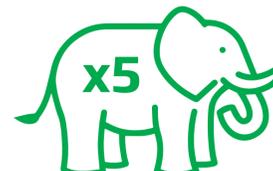
4000Pa

Pilkington **Planar™** panels to a size of 2.4m x 4.8m can be wind load tested with pressures up to 4000Pa.



50kg

We impact test our safety glass products by dropping a 50kg weight from different heights.



x5

We can strength test glass up to 250kN. That is the equivalent to loading it with the weight of 5 elephants.



Pilkington is the only glass manufacturer with a full set of testing facilities in the UK. These are located at the European Technology Centre in Lancashire.



Products are tested rigorously to European and other international standards, however Pilkington has developed a number of in-house tests. These tests are more stringent and enable us to compare our products to competitors, ensuring that we equal or outperform them.



Pilkington has a network of academic contacts in universities across the UK. We work with them to draw on their experience for particularly challenging measurements and cutting-edge analysis.