

# DID YOU KNOW? INNOVATION.

We don't just make glass, we use our expertise and pioneering spirit to solve some of the world's biggest challenges. Our commitment to innovation is clear to see; we push the limits, redefining what our customers expect humble glass can deliver, leading the industry and shaping the future.

## 4000 patents

We own around 4,000 patents and applications. Most are in float glass production, processing and automotive glazing. We also own patents in information technology.

## 1959

Adopted by all quality flat glass producers in the world, we invented the Float Glass Process back in 1959, a game-changing improvement in flat glass manufacturing.

## 60 ft

We've pioneered the production of super-jumbo float glass in sizes over 65 feet (20,000mm).



In 2001 Pilkington launched the world's first self-cleaning glass, Pilkington **Activ**™.



We developed the glass technology that goes into solar panels, printers, smartphones, car batteries and timing belts, cosmetics and paint.



Our thermal insulation and solar control products play a vital role in energy-efficiency and reducing CO<sub>2</sub> emissions.



Pilkington **K Glass**™ was the first widely adopted low emissivity glazing in the UK. Low-e coatings are now enforced by industry wide legislation to reduce greenhouse gas emissions and other pollutants caused by inefficient use of energy.

## 0.3 mm

We are a world leader in ultra-thin glass for small LCD applications. Our Ultra Fine Flat Glass (UFF) is produced in thicknesses as low as 0.3mm.



Our glass is an integral part of the thin-film solar modules produced by leading companies in the solar energy industry.



We have a network of experts across the globe with innovation centres and over 450 scientists and engineers based in the UK, USA, Japan, Italy, Germany and Poland.



Our UK-based Research & Development team includes physicists, chemists, engineers and material scientists.



We work in collaboration with industry partners, governments, tech start-ups and universities across the globe, developing technology that shapes the future.