This publication gives a general description of the product and materials. It is the responsibility of the users to ensure that their use is appropriate for any particular application and that such application complies with all relevant local and national legislation, standards, codes of practice and other requirements.

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Handling and processing guidelines for Pilkington **Activ**™ must be followed at all times.

CE

CE marking confirms that a product complies with its relevant harmonised European Norm.
The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE

For further information on what combination of Pilkington products may be suitable for you, contact your local sales representative or go to www.pilkington.com

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Pilkington **Activ**™
A success wherever it's fitted.

PILKINGTON

A member of NSG Group

24-hour cleaning across the globe

Thanks to its revolutionary dual-action coating, Pilkington **Activ**™ self-cleaning glass is able to stay cleaner, all-year round. The two-stage cleaning process begins when the coating reacts with the sun's UV rays and breaks down organic dirt. Then secondly, when it rains, the hydrophilic nature of the coating makes the water sheet down the surface, taking away any loosened dirt.

By the same process, the hydrophilic surface is also effective in reducing the appearance of external condensation.

The end result is reduced streaks, and more importantly, a clearer view. And, because it can be combined with other Pilkington products, we can further improve its offering. The success of Pilkington **Activ**™ can be seen in a variety of applications, around the world.

Environmentally friendly

From manufacture to installation and use, Pilkington **Activ**™ is environmentally friendly. In their recent report, "Pilkington **Activ**™ Research Project: The quantification and evaluation of the benefits of self-cleaning glass", the BRE* highlighted the following:

- The self-cleaning coating contains no harmful substances.
- Because it self-cleans, Pilkington **Activ**™ stops water from being wasted.
- It reduces the need for cleaning detergents, which could be harmful to the environment.
- Ecopoints** for it are less than one-tenth of those for ordinary glass.

Eric Sierens

Glass Tree House, McMaster Beach, Australia
(Above, below and opposite)

Glass Tree House, McMaster Beach, Australia

*The Building Research Establishment is an independent centre of research which specializes in construction, environment, fire, risk and certification advice.
** Ecopoints is a system developed by the BRE that weighs environmental impact of a product or process. The lower the score, the lower the negative impact.

For more information, visit www.bre.co.uk

OLIMP Shopping Centre, Poland

Commercial & Public

On commercial and public buildings, Pilkington **Activ**™ is an excellent choice – as the following examples clearly show. Especially suited to high, difficult to reach places, Pilkington **Activ**™ uses the forces of nature, rather than expensive cleaners, to keep the glazing looking its best, at all times.

OLIMP Shopping Centre (Poland)
With so many hard to reach places, Pilkington **Activ**™ self-cleaning glass is the ideal choice for this shopping centre.

Town Hall (France)
To give an image of transparency, and to offer safety, Pilkington **Activ Optilam**™ N (a combination of self-cleaning and extra clear laminated glass) was used on this façade.

MSV Arena (Germany)
This building utilizes all the strengths of Pilkington **Activ Suncool**™, which is a combination of self-cleaning and solar control glass.

Britomart (New Zealand)
A stylish building, that's able to stay that way 24 hours a day, thanks to Pilkington **Activ**™ (Illustration on following page).

Town Hall, France

MSV Arena, Germany

Britomart, New Zealand

Conservatory, UK *Courtesy of Excel UPVC*

Domestic

Pilkington **Activ**™ is perfect for domestic use and is especially popular amongst busy home-owners. Because of its unique dual-action cleaning process, Pilkington **Activ**™ can release your precious time and save you the cost of hiring a cleaner.

Peter Hyatt

Glass Tree House, McMaster Beach, Australia

Glass Tree House, McMaster Beach (Australia)
Pilkington **Activ**™ was used here to maintain both the external appearance of the building and the outside views.

Gosforth, UK

Gosforth (UK)
Pilkington **Activ**™ was chosen over reversible windows on this apartment block as it requires less maintenance, and therefore allows long-term savings.

Airiston Lumous Villa, Finland

Airiston Lumous Villa (Finland)
With its outstanding solar performance, Pilkington **Activ Suncool**™ was ideally suited for the walls and roof of this villa.

Conservatory (UK)
Pilkington **Activ**™ Blue (a combination of self-cleaning and solar control glass) is an attractive blue tinted glass that's been specially designed for conservatory roofs.
(Illustration below and opposite).

Conservatory, UK

Entertainment & Leisure

The self-cleaning benefits of Pilkington **Activ**™ are clear to see. But its talents don't end there. As already seen in some of the previous examples, it can be further enhanced when combined with other Pilkington products to offer additional advantages such as thermal control, solar control and safety. For this reason, it's commonly chosen for entertainment and leisure facilities.

East Hotel Hamburg (Germany)
Pilkington **Activ Optilam**™ has been used for the roof of this illustrious hotel, to give a clear view while meeting roof safety requirements.

Hilton Hotel (Finland)
Hotels need to look prestigious all year round – especially ones as stylish as this. And for this reason Pilkington **Activ**™ Blue was the product of choice for both its stunning hue and self-cleaning properties. (Illustration on following page).

Piscine de Bezons (France)
Suited to leisure facilities like this swimming pool, Pilkington **Activ Suncool**™ provides additional solar control performance with a neutral colour.

East Hotel Hamburg, Germany

Piscine de Bezons, France

Transport

Although Pilkington **Activ**™ is more commonly associated with commercial and domestic buildings, it is also used in the transport sector.

Car Wing Mirrors
When on the road, it's essential that all windows and mirrors are always free from dirt and condensation. So for safety reasons, Pilkington **Activ**™ is the product of choice.

Car Wing Mirrors

Ordinary Glass

Pilkington **Activ**™

Hilton Hotel, Finland

ZSL London Zoo, UK

Hörnli Küssnacht, Switzerland

Special applications

Pilkington **Activ**™ is extremely versatile and its usage has almost no boundaries. The following examples highlight some of the most unusual places in which it has been used.

Hospitals, Japan

Canopy, Italy

Fence, Switzerland

Hörnli Küssnacht (Switzerland)
Fitted on these balustrades, Pilkington **Activ Optilam**™ ensures the safety of occupants while also providing unspoilt views.
(Illustration above).

Hospitals (Japan)
On exposure to artificial or naturally occurring UV light, Pilkington **Activ**™ is able to break down some bacteria when used with other bacterial control systems. This is why it can be used in hospitals and other clinical applications.

Canopy (Italy)
To reduce the hazards of manual cleaning, Pilkington **Activ**™ was used on this railway station canopy. It was also toughened and curved to meet safety and design requirements.

Fence (Switzerland)
Pilkington **Activ**™ Blue was the ideal choice for this garden, as its design was based around giving a sense of space. And because of its toughening properties, it provided extra safety.

ZSL London Zoo (UK)
Pilkington **Activ**™ is frequently used in zoos.
In this case it was used inside this animal box to give visitors unspoilt views of the Komodo dragon.
(Illustration on previous page).