



National Federation of Glaziers

Excellence and Integrity in Glazing

27, Old Gloucester Street, London WC1N 3XX

Telephone: 020 7404 3099

Self-Cleaning Glass

Self-Cleaning Glass has been specially designed to remain cleaner for longer than conventional glass. A transparent coating on the external surface of the glass harnesses the power of ultra violet rays and rain (or water) to break down dirt and grime then wash it clean away. The coating is totally integrated into the surface of the glass and is highly durable.

However, as with all coated glass, a certain level of care must be exercised when handling and maintaining Activation of the self-cleaning function.

- During the week after installation the self-cleaning property will be progressively activated, triggered by exposure to UV light.
- The length of time required to activate the coating by UV rays can vary depending on the season and the orientation of the glass, but is normally within a week.
- When the glass is wet a small border of water droplets may appear around the perimeter surface of the glass. This is perfectly normal.

Cleaning For the first time

- Wait at least a week before cleaning the product for the first time to ensure all sealants used in its installation are fully set.
- Start with a rinse or hose-down with clean water and continue, when necessary, with the normal maintenance routines (see below). When hosing, start at the top and zig-zag to the bottom. Spray at the coolest part of the day and not in direct sunlight.

Normal Maintenance Self Cleaning Glass has a special property which means that the glass stays cleaner for longer than normal glass. The more exposure the product has to both sun and rain, the cleaner it will stay, for longer. However, a number of other factors affect the time it takes for a mark to be naturally removed, such as the level of ambient pollution, atmospheric conditions (e.g long periods without rain), orientation of the conservatory, sloping or vertical use.

Self-Cleaning Glass is not a '100% maintenance free' product. Should the glass require occasional cleaning, ensure that only the following are used; A soft lint-free cloth or chamois leather, or a clean, soft non-abrasive sponge or a clean, non-metal window squeegee.

All equipment must be kept clean. This is to prevent any dirt or abrasive particles transferring from equipment back onto the glass which may scratch or damage the coating. After cleaning, re-activation of the coating may take 5-7 days. Cleaning products

- Clean water will normally suffice. Standard supermarket mild glass cleaning products can also be used such as Mr Muscle Window Cleaner or Windowlene Wipes for glass/shiny surfaces
- Soft water is best for cleaning glass. In hard-water areas a small amount of washing up liquid can be used to soften water.

IMPORTANT

- Do not use any glass treatment products containing silicones or abrasive particles.
- Do not use any commercial cleaning products which are intended specifically for cleaning elements other than glass.
- Do not use chemical products: soda, bleach, washing powder, white spirit etc.
- Avoid contact with all sharp or abrasive objects including jewellery, buckles, tape measures, razor blades, Stanley knives, scouring pads, steel wool, sandpaper etc.
- Never attempt to clean off a specific mark on the surface of Self-Clean Glass without applying water