SMARTGLASS
Self-cleaning glass

Applications

SMARTGLASS is 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 integrated into the surface of the glass and is exceptionally durable. However, as with all coated glass, a certain level of care must be exercised when handling and maintaining SMARTGLASS.

Guidelines for initial contact with SMARTGLASS

Labels

If the SMARTGLASS label is still attached to the glass, carefully peel it off.

Be careful when removing the label from the glass to ensure that the special coating is not damaged. Do not use a razor, scraper, or wire-wool to detach it.

Cleaning for the first time

Wait for 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 a normal maintenance routine.

Self-cleaning function

During the week after initial installation and clean-down, the self-cleaning property of SMARTGLASS 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 usually 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.

Routine maintenance

SMARTGLASS has a property that means that glass stays cleaner for longer. The more exposure to both sun and rain, the longer it will remain clean. However, many 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., lengthy periods without rain).

SMARTGLASS is not a '100% maintenance-free' product.

Should the glass require occasional cleaning, carefully follow these instructions:

Cleaning equipment required

- A soft, clean 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, preventing any dirt or abrasive particles from transferring onto the glass and scratching or damaging the coating.

Cleaning products

- Clean water will normally suffice. Standard, mild glass-cleaning products such as Stardrops and Fairy Liquid can also be used (visit www.selfcleaningglass.com to view our list of recommended products).
- 'Soft' water is best for cleaning glass. In hard-water areas, a small amount of washing-up liquid can be used to soften water.
- For the removal of stubborn marks, use white vinegar. Ensure that the vinegar does not touch the frame and is washed off the glass after application.
- Vinegar is not to be used regularly as a cleaning method.

Important

- Do not use any glass treatment products containing silicones or abrasive particles.
- Do not use any commercial cleaning products intended 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 SMARTGLASS without applying water first.

Protection during building/maintenance works

If maintenance or building work is happening near SMARTGLASS, then protect with a clean plastic sheet to prevent any splashes or staining from aggressive compounds (paint, varnish, glue, sealant, cement, plaster, mortar). This will also protect the product from abrasive or hot particles (grinding or welding sparks).

ClaytonGlass

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