

# Northern Express Glass Ltd.

## SMART GLASS RANGE



BS EN 1279  
CMS 3044

BS EN 12150  
CMS 3032 T

Issue 3  
10 August 2015



### MAINTENANCE GUIDELINES

Congratulations on choosing a product from the **Smart Glass Range**.  
Please follow these maintenance instructions carefully for the best results.

#### Applications

The **Smart Glass Range** 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 the **Smart Glass Range**.

#### Guidelines for initial contact with a Smart Glass Product

##### Labels.

If there is a label still attached to the glass carefully peel it off. Care must be exercised 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 the label.

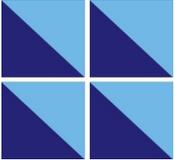
##### Cleaning for the first time.

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 a normal maintenance routine. (See Reverse)

##### Self Cleaning Function

During the week after initial installation and clean-down 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. When the glass is wet a small border of droplets may appear around the perimeter of the glass. This is perfectly normal.



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### Routine Maintenance

The **Smart Glass Range** 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 and atmospheric conditions.

The **Smart Glass Range** 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.

- **Cleaning Products**

- Clean water will normally suffice. Standard, mild glass-cleaning products can also be used.
- '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 white vinegar can be used. Always ensure that the vinegar does not come into contact with the frame and that it is washed off the glass after application.
- Vinegar is not to be used as a regular cleaning method.

- **Important**

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

### Protection during building/Maintenance Works

If any other works are taking place in the vicinity then protect with a clean plastic sheet to prevent any splashes or staining from aggressive compounds. (Paint, varnish, glue, sealant, cement, plaster, mortar, etc). This will also protect the product from abrasive ho particles (grinding or welding sparks, etc).

### **IMPORTANT !**

**Please retain these instructions for future reference.**

**These instructions must be made known to anyone coming into contact with your glass e.g your window cleaner.**