# Serafin Glazing and Aluminium

Date:19-04-2023

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## Care and cleaning of glass products

This information is offered as a general guide only and specific advice should always be sought from a reputable glazier preferably who has installed your product or professional window cleaner before undertaking any cleaning. This guidance does not preclude the use of other methods, materials or equipment; however the user should undertake careful evaluation and make suitable enquiries of the suitability of alternative methods, materials or equipment, before using them.

Routine Cleaning
Hand cleaning of the glass surface to visibly remove accumulated dust or fingerprints can be accomplished using a number of different glass cleaning products. Recommended cleaning products are Windex® Glass (available from supermarkets) or a mixture of one part vinegar to ten parts water. Other commercially available vinegar-based glass cleaners have generally demonstrated an ability to provide a clean, streak-free glass surface.

Procedure:

Flood the glass surface with the spray-on cleaning solution or with a cloth saturated with the cleaning solution. Be generous with the amount of solution applied.
Scrub the wet surface with a clean, lint free towel or cloth.
Wipe dry with a dry, clean, lint free towel or cloth.
To prevent streaking, stop wiping when the glass is almost dry and there is a uniform film left on the glass surface.
Special Products
Glasses with a Low-E or reflective coating need to be treated with care. Please ensure special care is taken when cleaning these glass types to ensure the coating is protected and not damaged once cleaned. Do not use razor blades, steel wool or other metallic objects on the coated surface.

What not to do
Do not clean the glass when the glass is hot or in direct sunlight.

Do not allow cleaning solutions to contact the edges of Laminated glass, Insulating Glass Units or Mirrors.

Do not use cleaners which contain Hydrofluoric or Phosphoric acid as they are corrosive to the glass surface.

Abrasive cleaners, powder based cleaners, scouring pads or other harsh materials should not be used to clean windows or other glass products.

Do not store or place other material in contact with the glass. (This can damage the glass or create a heat trap leading to thermal breakage).

Avoid causing extreme temperature changes to the glass as this may lead to thermal fracture of the glass, i.e. do not splash hot water on cold glass or freezing water on hot glass.

Some tapes or adhesives can stain or damage glass surfaces. Avoid using such materials unless they are known to be easily removed.

Storage & Handling
Glass should be stored in a dry and clean environment with good circulation of cool dry air to avoid staining and marking. Storage areas should be out of direct sunlight as some glass is susceptible to thermal breakage.

Where glass has been received in a wet condition, it should be separated, dried and restacked with separators to allow airflow around the panels.

Glass should always be stored vertically at a slight angle. The edges should be supported on wood or a soft material and contact with hard materials must be avoided.

When glass is stored and transported there should always be some kind of a protector between the glass surfaces to prevent transit damage. This should be appropriate to the product and size, and may be such

items as paper, rubber pads or plastic wrap on the glass. Bear in mind, glass is fragile and will be broken if handled incorrectly.

Particular care should be taken to ensure the glass is properly fastened and secured to prevent damage. Glass should always be handled by staff that have been properly trained in approved practice, always taking into account good health and safety procedures. Glass must be protected from site contamination caused by building materials and other site practices during construction as this will assist in the cleaning of the glass at the conclusion of the construction.

Installation
When selecting an appropriate sealant, it's important to consider the properties of various sealants in order to avoid any long term problems. It is important not to use any acetic sealants on laminated glass as they may attack the interlayer. It is recommended using a neutral cure sealant on laminated glass. The same applies with Insulated Glass Units, please ensure that when glazing structurally sealed IGU's, that you are using a compatible sealant.

If you have any questions regarding this matter please call me on 04455345555.

Yours truly,

Paul Serafin