



Thank you for purchasing **Frosted glass** from Futureglass



We use a sealer manufactured by Ritec, to keep your frosted glass in the best possible condition. The coating we apply requires basic care, as indicated in the following instructions.

Please take a few moments to read the following care instructions to get the most from the table.

CARE INSTRUCTIONS

Just as metal rusts, glass corrodes.

Glass is vulnerable to attack in every conceivable environment. Glass is not smooth. A micrograph reveals the rough surface of glass, made of peaks and valleys. Glass is also a reactive material. Contaminants such as atmospheric pollution, construction materials, metal oxides or limescale deposits in the valleys of the glass and bond to its surface.

Ritec has developed the only effective system that specifically protects glass from such attack and allows it to maintain its original qualities.

The ClearShield System converts unprotected high maintenance glass into ClearShield 'Non-Stick' Glass. Just like 'non-stick' cookware, it

- is always easier to clean
- stays cleaner for longer
- resists staining and discolouration

The ClearShield System

ClearShield Glass is produced in the factory or on site by specially trained technicians using Ritec's ClearShield System.

Stage1: Renovation

Removes staining and discolouration to bring the glass back to an as new condition.

Stage2: Protection

A polymeric resin that chemically cross-links with the glass and with itself, bonding to the glass and becoming an integral part of it. It creates a durable, multi-molecular surface that is 'non-stick' and easy to clean

Stage 3: Maintenance

A simple and economical after-care programme that allows ClearShield Glass to perform like new for life.

Environment and safety

Ritec is committed to user friendliness, safety and the environment. Where possible, the components of the system are not harmful, non-flammable, and where possible water based and biodegradable.

Ease of cleaning and low maintenance reduce the need to use harsh chemicals detrimental to the environment.

Award winning technology

As the pioneer of 'non-stick' surface technology for glass, Ritec is still recognised for its innovation and more than 16 years of outstanding achievements. ClearShield Glass has countless track records in commercial, industrial, and residential buildings throughout the world.

"You can justifiably claim, as a Millennium Product company, to represent the very best of British innovation, creativity and design".

Rt Hon Tony Blair MP: The Prime Minister

In 1999, the Design Council of Great Britain honoured ClearShield Glass as a Millennium Product based on innovation, creativeness and clear user benefits.

In 1987, ClearShield Glass won the Prince of Wales Award for Industrial Innovation and Production, and the London Daily Mail Ideal Home Exhibition Blue Ribbon.



Thank you for purchasing **Frosted glass** from Futureglass

page 2

Performance

a) ClearShield Sandblasted Glass resists staining from finger marks and other contaminants and is easier to clean than ordinary glass. In most cases, it requires cleaning less than half as often.

b) The service life of ClearShield Sandblasted Glass depends mainly on:

- i) atmospheric abrasion from wind and sand;
- ii) abrasive or alkaline cleaning products;
- iii) alkalinity from hard water deposits and runoff from building materials such as concrete and brickwork.

The greatest enemies of glass are moisture and alkalinity. Normal glass can be attacked and stained very easily. ClearShield Sandblasted Glass resists such attack but can be affected by prolonged exposure.

c) To extend the service life of ClearShield Sandblasted Glass, Ritec has developed a special range of after-care products which contain no abrasives, do not leave a film or residue and neutralise alkalinity.

d) As a guide, the service life of ClearShield Sandblasted Glass installed externally vertically is up to ten (10) years in typical urban or suburban locations and normal environmental conditions, provided the correct grade of ClearShield is used and Ritec's recommended after-care programme is followed. The service life may be less in seaside or industrial areas and greater in country locations. For internal situations, the service life will be longer.

If the sandblasted glass will be trafficked upon – such as a stair case – then the ClearShield protection will be worn away by the physical abrasion of the moving traffic. This may then cause different light transmission patterns through the glass appearing similar to clouds – this is not a fault of the ClearShield and is caused by the physical damage to the sandblasted glass surface. The friction characteristics of the sandblasted glass will not be changed significantly with the addition of ClearShield protection.

e) ClearShield Sandblasted Glass performs indefinitely if a simple “booster” application is made whenever the service life nears its end, i.e. the performance of ClearShield Sandblasted Glass becomes noticeably reduced in terms of ease of cleaning and resistance to staining.

f) Provided ClearShield is applied according to Ritec's standard instructions it will become an integral part of the glass surface and perform as described above.

ClearShield Sandblasted Glass Panels - Recommended Aftercare Programme

The ClearShield System provides a very effective protection, making sandblasted glass always easier to clean and keep clean, and maintaining its visual appeal much longer. Due to the general contamination by handling and the resultant dirt and grime, we recommend the following basic maintenance programme to optimise the performance and durability of the unique protection.

As general guidelines the following programme should be followed.

a) Weekly / Monthly (dependant upon environment)

Wash panels thoroughly using Ritec Clean-All and fresh warm water and apply the solution with either a clean soft brush, sponge or 'T' bar.

The ratio of Clean-All to water would depend upon degree of contamination, however 1 capful Clean-All to 1 litre of water would be considered sufficient to suit most needs.

Remove moisture from Clean-All solution application by squeegee / towel and allow to dry.

b) 6 Monthly

Thoroughly wash panels using Ritec Clean-All and fresh water as above and remove water / moisture with the aid of a wet vacuum cleaner to remove the deposits from the depths of the sandblast finish (if necessary).

c) Annually

Conditioning of the ClearShield may be necessary dependant upon degree of contamination and similar physical wear / damage. After (b) - Apply ClearShield Conditioner using a fine spray bottle or 'T' bar, then squeegee / towel dry.

Not to be used

Abrasive cleaning methods, pads and compounds, as well as alkaline cleaners should not be used while cleaning ClearShield Sandblasted Glass