



The ClearShield System 'Non-Stick' Surface Technology

“Our aim is to develop and market internationally ‘non-stick’ surface technologies for application to new and existing surfaces.”

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Introduction



Ritec. The pioneer and market leader for Low-M[®] (Low-Maintenance) Glass.

With over 25 years of field experience and proven results, Ritec International is the pioneer and market leader for Low-M[®] (Low-Maintenance) Glass. The ClearShield System, providing unique solutions for the renovation, protection and maintenance of glass, has won numerous industry awards.

The story of ClearShield began in 1981, when Stephen and Karen Byers investigated the market potential for low-maintenance glass. They subsequently acquired rights to new technology for glass surface protection. Extensive research and improvements to the original formula followed, and the technology was branded 'ClearShield'. After several years of successful experience under harsh marine conditions, ClearShield was introduced for use on glass on commercial and industrial buildings.

In 1983, Ritec was formed, and for over 25 years, the company gradually developed the market for glass surface protection in the flat glass industry, effectively leading the industry and gaining immense field experience with its

high quality technology, the ClearShield System. Ritec's commitment to product development and innovation has seen the introduction of specialist formulations of ClearShield for different types of glass, applied either in the factory onto new glass or onsite on glass already installed.

Ritec's ClearShield Low-M[®] Glass has gained wide recognition and acceptance in the processing of glass as the industry and end-users of glass have become increasingly aware of the need to protect glass so that it keeps its promise of clarity, visibility and cleanliness over time.

Today, hundreds of glass processors and fabricators worldwide enjoy the benefits of the ClearShield System in a wide range of applications, including architectural, decorative, shower, marine and residential glass. Its performance is well recognised by the industry worldwide, with proven results based not only on laboratory tests, but more importantly on many years of experience.

Because of the worldwide demand for surface protection technologies, Ritec has an extensive network of joint venture and marketing partners globally offering the extensive range of Ritec products as well as local support to many countries.

Ritec's expertise has allowed the company to develop technologies for the renovation, protection and maintenance of other surfaces. The Ritecoat System, for example, was developed for the renovation, protection and maintenance of metals and powder coat surfaces, while the VoltShield System was designed to renovate and protect ceramic electrical insulators.

Other specialist products include SE-550 Silicone Eater and Ritepolish, a versatile surface cleaner. Ritec also offer an extensive range of application equipment and accessories, providing a 'one-stop-shop' for applicators of our unique systems.



International Distributor Network

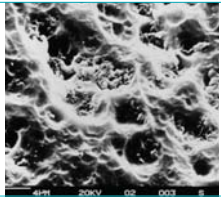


● Marketing Partners/Exclusive Distributors

● Non-Exclusive Distributors

● Other Countries served by Ritec International

The ClearShield System. For 'non-stick', Low-M® Glass.



01



Unprotected



Protected



02

Before



After

03



04

Why choose ClearShield?

The award-winning ClearShield System has been specially developed for the renovation, protection and maintenance of both new and already installed glass.

Just as metal rusts, glass is subjected to a corrosion process caused by reactions between the glass surface and atmospheric pollution. Even a single droplet of moisture on unprotected glass can produce sufficient damage to be visible in good lighting.

The surface of glass is not smooth and consists of microscopic peaks and valleys 01. Both organic and inorganic contaminants fill these, chemically reacting with the glass and firmly bonding to the surface. Because of this, cleaning glass becomes more difficult and visibility and appearance deteriorates 02,03.

ClearShield: The Ideal Solution

ClearShield is a polymeric resin that uniquely cross-links with the glass and itself to form a strong chemical bond when applied to ordinary glass. It is completely transparent, chemically

inert, non-hazardous and UV stable. Unlike a coating, ClearShield becomes part of the glass and will never discolour, peel or crack.

The result is ClearShield Low-M® (Low-Maintenance) Glass that prevents contaminants from bonding to the surface and resists damage caused by corrosion and chemical attack.

ClearShield's versatility means it can be applied onsite for glass already installed or in the factory on new glass. Glass protected with ClearShield in the factory can save time and money during the construction of a building. Splatter from concrete, plaster and mortar 04, for example, can all be removed from ClearShield Glass, so costly glass replacement and lengthy delays as a result are avoided.

For the end-user, ClearShield is:

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

For glass manufacturers, processors and fabricators that supply glass protected with ClearShield to its customers, Ritec offer a comprehensive package:

- **Added value system to help increase sales and profits**
- **A technology that has proven its claims with more than 25 years experience worldwide**
- **Unique Selling Points to differentiate from competition**
- **A system that offers personalised solutions to all glass users**
- **Safe and non-hazardous products**
- **Versatile methods of application that can adapt to all volumes of production**
- **Unique renovation solutions for already installed glass**
- **Local supply, training and subsequent sales, marketing and technical support through international network of distributors**
- **Effective demos for the salesforce, show-rooms and trade exhibitions**



05



06



07

01 Micrograph of glass
02 Sandblasted glass
03 Luton Parkway Station platform shelter, UK
04 Contamination during construction
05 Lloyd's of London, UK
06 Crown Princess
07 Shanghai World Finance Center, China

ClearShield in use

The ClearShield System has been used on internal and external glass on a vast range of applications, including houses, conservatories, shops, offices, hospitals, restaurants, hotels, theme parks, railway stations, airports, ships, car washes and solar panels.

Below is a small selection of prestigious projects involving ClearShield.

Lloyd's of London Building 05

The owners of the Lloyd's Building found that paint on the frame around the atrium was shedding and plating onto the glass and adhering to the surface, making cleaning extremely difficult. The glass was successfully converted to Low-M® Glass. Today, the paint still flakes, but thanks to ClearShield is easily wiped off and conventional cleaning methods are still sufficient to maintain the pristine condition of the glass.

"We are very impressed with the ClearShield System, it has been extremely beneficial to our facilities management operation and we intend to carry on with the after-care regime."

The Assistant Manager to Lloyd's Building Facilities Manager

Princess Cruises Cruise Liners 06

The first Princess Cruises ships to have ClearShield protection were the Regal Princess and the Crown Princess. Since then, many other Princess Cruises ships have had the benefit of ClearShield Low-M® Glass.

"Not only do the operators of these ships appreciate the benefits in keeping windows clean but also the considerable savings in manpower through reduced maintenance."

Princess Cruises Project Manager

Shanghai World Finance Center 07

With a height of 492 metres, this building is currently the tallest in China, and one of the tallest in the world. The Shanghai WFC had the benefit of ClearShield protection during its construction, with approximately 100,000m² glass treated in the factory prior to installation. This meant any harsh inorganic contaminants on the glass, such as concrete splatter and cement dust, were all easily removed. ClearShield in this case reduced potential costly delays during construction and provided a significantly lower-cost alternative to replacing the glass due to any surface damage.

Renovation

Ritec offer a complete range of specialist renovation products that are effective on all types and levels of contamination, organic or inorganic, for glass already installed. Renovation products are also used for the preparation of the glass surface as required prior to the application of ClearShield protection.

Ritec renovation products remove staining and discolouration without abrasives or harsh chemicals, so they are not only safe to use but also kinder to the environment. We recommend that they should only be used as part of the ClearShield System.



Pre-Cleaner

Effectively removes organic contaminants including dirt and oily substances such as traffic film, birdlime, tree sap, fingerprints, nicotine and cooking oils from glass, ceramics, vitreous enamel and other vitreous surfaces.

- Easy to apply
- Low odour
- Versatile application

Pack size

10x 500ml bottles
5 litre drum

Product code

2B3PC005X
2B3PC05D



Glass Renovator

Safely and effectively removes light build-up of bonded inorganic contaminants including limescale and metal oxides from glass, ceramics, vitreous enamel and other vitreous surfaces.

- Fast, effective results
- Easy to apply
- Water-based

Pack size

10x 500ml bottles
5 litre drum

Product code

2GR1ST005X
2GR1ST05D



Glass Renovator Heavy Duty

Safely and effectively removes heavy build-up of bonded inorganic contaminants including limescale and metal oxides from glass, ceramics, vitreous enamel and other vitreous surfaces.

- Fast, effective results
- Easy to apply
- Water-based

Pack size

10x 500ml bottles
5 litre drum

Product code

2GR2HD005X
2GR2HD05D



Neutraliser

Cleans, dries and chemically neutralises glass and other vitreous surfaces prior to the application of ClearShield.

- Easy to apply
- No rinsing or dilution required
- Leaves no film

Pack size

10x 500ml bottles
5 litre drum

Product code

2B1N005X
2B1N05D



Neutraliser FL (Flammable)

Cleans, dries and chemically neutralises glass and other vitreous surfaces prior to the application of ClearShield.

- Easy to apply
- Low odour
- Versatile application

Pack size

10x 500ml bottles

Product code

2B2N005X

CLEAN LIVING

- Easier to clean and stain resistant glass
- Lower maintenance costs and preserved appearance
- More than 20 years of experience

The ClearShield System converts high-maintenance, unprotected glass into Low-M® Glass.

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ClearShield™
 Low-M® (Low-Maintenance) solutions for glass

Protection

ClearShield is highly versatile and converts ordinary, unprotected glass to 'non-stick', low-maintenance ClearShield Low-M® Glass. A number of specialist formulations are available depending on the type of glass to be treated.

ClearShield can be safely applied in the factory or onsite to glass already installed.



ClearShield Glass Protect

General-purpose formulation recommended for factories that require the protection of both clear and sandblasted glass. Protects the glass from staining and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance surfaces that resist staining and discolouration
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C6GP005X
5 litre drum	1C6GP05D
25 litre drum	1C6GP25D



ClearShield Sandblast Glass Protect

Specialist formulation recommended for factories that require the protection of sandblasted and acid-etched glass. Protects the glass from fingermarks and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance sandblasted glass surfaces that resist fingermarks
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C7SBP005X
5 litre drum	1C7SBP05D
25 litre drum	1C7SBP25D



ClearShield Food & Hygiene

Specialist formulation recommended for the protection of glass and ceramic surfaces for areas where good hygiene is paramount. Protects glass and ceramics from staining and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance glass and ceramic surfaces for a more hygienic environment
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C9FH005X
5 litre drum	1C9FH05D
25 litre drum	1C9FH25D



ClearShield Shower Glass Protect

Specialist formulation recommended for factories that require the protection of shower glass. Protects the glass from limescale and staining, making it easier to clean and keep clean and for a more hygienic environment. Not recommended for the protection of sandblasted or acid-etched glass.

- Creates easy-to-clean, low-maintenance shower glass surfaces that resist limescale build-up
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C8SGP005X
5 litre drum	1C8SGP05D
25 litre drum	1C8SGP25D



ClearShield Industrial & Marine

Specialist formulation recommended for the protection of marine glass and other glass exposed to exceptionally harsh conditions. Protects the glass from staining and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance surfaces that resist staining from mineral salts
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C2IM005X
5 litre drum	1C2IM05D
25 litre drum	1C2IM25D



ClearShield Heat Performance

Specialist formulation recommended for the protection of glass exposed to high temperatures, such as glass ovenware. Protects the glass from staining and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance surfaces that resist staining and discolouration
- Highly effective and durable
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C9HP005X
5 litre drum	1C9HP05D
25 litre drum	1C9HP25D



ClearShield Motor Vehicle Plus

Specialist formulation recommended for the protection of automotive glass. Protects the glass from staining and discolouration, making it easier to clean and keep clean.

- Creates easy-to-clean, low-maintenance surfaces
- Improves safety and visibility
- Not classified as hazardous, easy and versatile application

Pack size	Product code
10x 500ml bottles	1C4CT005X
5 litre drum	1C4CT05D
25 litre drum	1C4CT25D

Maintenance

By following a simple and environmentally-responsible After-Care programme, ClearShield Glass will perform like new for longer. Again, a range of After-Care products is available depending on the environment.

After-Care Kits are also available to provide end-users all they need to maintain the optimum performance of ClearShield protection.



Clean-All (Concentrate)

A water-based concentrate for general-purpose routine maintenance of ClearShield Glass and other surfaces, such as ceramics, enamel, metal and plastic surfaces.

- Effective for cleaning many types of surfaces
- Environmentally-friendly, water-based and biodegradable
- Economic and versatile

Pack size	Product code	Pack size	Product code
70ml bottle	3ACA007BNL	5 litre drum	3ACA05D
10x 300ml bottles	3ACA003X	25 litre drum	3ACA25D
10x 500ml bottles	3ACA005X		



Conditioner

A periodic maintenance product for ClearShield Glass to enhance its performance, helping it to maintain its clarity, visibility and cleanliness for longer in harsh environments.

- Enhances the performance of ClearShield Glass
- Easy to apply
- Water-based

Pack size	Product code
10x 200ml bottles with pump spray	3ACSC002X
10x 500ml bottles	3ACSC005X
5 litre drum	3ACSC05D



After-Care for ClearShield Glass

A practical and easy-to-use specialist cleaner for the routine maintenance of clear and sandblasted glass protected with ClearShield. Effectively removes everyday dirt and grime including traffic pollution, tree sap and birdlime from all types of glass and most metal and plastic surfaces.

- Requires no rinsing
- Quick drying
- Leaves no film or residue

Pack size	Product code
10x 500ml trigger spray bottles	3C3GA005X



Windows & Conservatories Care Kit

A kit that includes everything needed to maintain windows and conservatory glass protected with ClearShield to optimise protection performance. Contains 2x 300ml bottles of Clean-All (Concentrate) and application sponge.

- Effective for cleaning many types of surfaces, particularly window and conservatories
- Economic and versatile
- Everything needed to maintain ClearShield residential glass in a simple-to-use kit

Pack size	Product code
Windows & Conservatories Care Kit	3WKIT2BU



Limescale Remover

Versatile and highly effective for the removal of mineral salts, limescale from hard water and concrete run-off from a wide range of surfaces. Effective on glass, ceramics, stainless steel, chrome, enamel, plastic and most hard surfaces without the use of abrasives. Available in an easy-to-use trigger spray.

- Requires less effort to remove limescale for easier cleaning
- Easy and non-abrasive application for both light and heavy limescale build-up
- Environmentally responsible

Pack size	Product code	Pack size	Product code
10x 300ml bottles	3ALR003X	5 litre drum	3ALR05D
10x 500ml bottles	3ALR005X	25 litre drum	3ALR25D
10x 500ml trigger spray bottles	3ALR005T		



After-Care for Shower Glass

All-in-one specialist cleaner for the routine maintenance of ClearShield Shower Glass that cleans, disinfects and enhances the protection in an easy-to-use trigger spray. Specially formulated for use on ClearShield Glass and ceramics as well as most metal and plastic surfaces.

- Non-abrasive specialist cleaner
- Effective disinfectant
- Enhances the benefits of ClearShield Glass for an even longer lasting performance

Pack size	Product code
10x 500ml trigger spray bottles	3C3SGA005X



Shower Care Kit

A kit that includes everything needed to maintain shower glass protected with ClearShield to optimise protection performance. Contains 300ml bottle of Limescale Remover, 200ml Conditioner pump spray bottle and application sponge.

- Requires less effort to remove limescale for easier cleaning
- Conditioner maintains performance of ClearShield Glass
- Everything needed to maintain ClearShield shower glass in a simple-to-use kit

Pack size	Product code
Shower Care Kit	3SKIT2BGL

Private Branding Opportunities

Create your own range of specialist After-Care products.

- Greater service to your customers
- Greater promotion of your company
- New revenue stream

The ClearShield System adds value to glass for more sales and higher profits. More opportunities are available through the private branding of Ritec's range of After-Care products.

We can personalise our After-Care products by branding them to your own specification using your own name and corporate identity.

Minimum order quantities apply. Please contact us for more details.



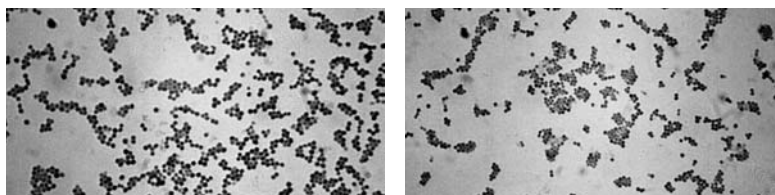
ClearShield. For a much more hygienic environment.

The Centre for Applied Microbiology and Research Public Health Laboratory Service devised an experiment comparing ClearShield Glass with ordinary, unprotected glass. Its objective was to study the attachment and desorption of a strain of *staphylococcus aureus*, a common and strongly adhering bacterium, on the two types of glass.

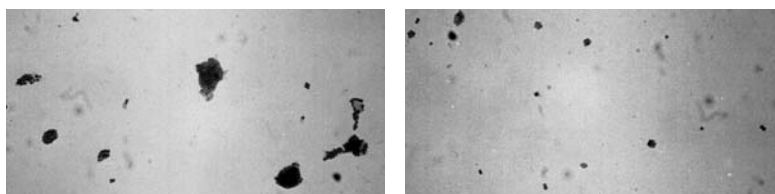
"In conclusion, the results clearly show that ClearShield firstly impeded adherence of bacteria and secondly encouraged desorption by washing."

Public Health Laboratory Service, report on *adherence of bacteria to surfaces treated with ClearShield*.

Ordinary Glass
Before and after washing



ClearShield Glass
Before and after washing



Micrographs of cells of *staphylococcus aureus* adhering to glass slides

Commercial Starter Packs

The solutions provided by the ClearShield System is available in our practical Commercial Starter Pack kits for manual applications. They are ideal for:

- treatment of small areas of glass
- equipment for service vehicles
- getting started with the technology

As volume grows or for larger pieces of glass, Ritec has developed specialist application equipment to optimise productivity and minimise costs. See page 17 for more details.



Glass Renovation Starter Pack

Contains the full range of specialist solutions for the removal of light to heavy staining from glass and other surfaces along with application accessories. Effective for onsite use on glass and surfaces already installed, or in the factory prior to delivery. Practical and durable case.

This kit contains 500ml Pre-Cleaner, 500ml Glass Renovator Heavy Duty, 500ml Clean-All (Concentrate), 500ml Limescale Remover, 500ml Ritepolish, 500ml Silicone Eater, 20x nitrile gloves, Doodlebug pad holder, 3x white pads, 3x microfibre cloths, squeegee handle, squeegee blade with rubber strip, T-bar with fleece cloth, spare fleece cloth and safety glasses.

Description	Product code
Renovation Starter Pack	2RSP005K



Glass Surface Protection Starter Pack

Complete pack for the application of ClearShield on clear glass. Contains the full range of surface preparation and protection products and accessories. Practical and durable case.

This kit contains 500ml Glass Renovator Heavy Duty, 500ml Neutraliser, 500ml Glass Protect, 500ml Clean-All (Concentrate), Doodlebug pad holder, white pad, 20x cotton pads, microfibre cloth, 2x Terry towels, squeegee handle, squeegee blade with rubber strip, 10x nitrile gloves, T-bar with fleece cloth, spare fleece cloth and safety glasses.

Description	Product code
Float Glass Starter Pack	1C9FGSP005K

Other Specialist Products

Ritec's expertise has allowed us to develop unique and specialist products effective on glass and other surfaces.



Glass Cleaner

A ready-to-use general-purpose product for cleaning ClearShield and ordinary glass. Quickly and effectively removes dust, nicotine, fingermarks and other dirt and greasy substances. Recommended mainly for internal glass as it requires no rinsing. Not recommended for sandblasted glass.

- Requires no rinsing
- Quick drying
- Leaves no film or residue

Pack size	Product code
10x 500ml trigger spray bottles	3C6GC005XT



Ritepolish

A mildly abrasive cleaner highly effective for the removal of marks left by suction lifters on glass. Also removes minerals and other deposits from u-PVC, stainless steel, paintwork, glass, porcelain, aluminium and tiles.

- Highly effective
- User friendly
- Versatile applications

Pack size	Product code
10x 500ml bottles	4A4RP005X
5 litre drum	4A4RP05D



Silicone Eater SE-550

A liquid solution that digests cured and uncured silicone as well as breaks the bond between the sealant and the surface. Also removes silicone water-proofing agents (penetrants) and butyl sealants. Effective on glass and its framework, u-PVC, metals and wood, as well as industrial work surfaces and equipment.

- Leaves surfaces silicone-free
- Environmentally responsible

Pack size	Product code	Pack size	Product code
125ml can	5R2SE125C	1 litre can	5R2SE01C
500ml can	5R2SE005C		
5x 500ml can	5R2SE005X		

Application Equipment

ClearShield is a non-flammable product that can be safely spray-applied in the factory.

The ClearSpray Options provide a full range of spraying machines from manual to fully automatic, which can be adapted to all levels of production. Contact us for more information on automatic equipment.



M7P Sprayer

An electric manual spraying system that is both practical and easy to use for the application of ClearShield in the factory. Conforms to all current H&S regulations.

- Practical and efficient
- Electric
- Self-priming

Description	Product code
M7P Sprayer, 230v/50Hz	930200
M7P Sprayer, 110v/50Hz	930201



M10 Sprayer

A pressurised spraying system that is both practical and easy to use for the application of ClearShield in the factory. Conforms to all current H&S regulations. Optional trolley feature.

- Practical and efficient
- No moving parts
- Useful standalone feature

Description	Product code
M10 Sprayer	930901
M10 Sprayer with Dessicant Dryer	930902
Trolley	930903








































Automatic Application Lines

Ritec offer fully automatic and modular spray application lines, available for both flat and curved glass that can adapt to all production requirements. Please contact us for more details.

- Ideal for high volumes
- Improves productivity
- Fast payback time
- Consistent quality of application
- Reduces handling of glass

Spare Parts and Accessories

Spare parts and accessories for the M7, M9 and M10 spraying equipment can be ordered directly from us.

	FloJet Pump 240v 50Hz [M7] Product Code: 930258		Spray Gun [M7/M9/M10] Product Code: 930208		Hose Tail [M9/M10] Product Code: 930932
	FloJet Pump Baseplate (plastic) [M7] Product Code: 930259		Spray Gun T-Jet Disc Strainer [M7/M9/M10] Product Code: 930210		60 Coned Seat Male 1/4 Hose Tail Brass [M9/M10] Product Code: 930934
	FloJet Pump Diaphragm Kit (epdm) [M7] Product Code: 930260		Spray Gun T-Jet Nozzle [M7/M9/M10] Product Code: 930217		O-Clips (11-13mm) [M9/M10] Product Code: 930936
	FloJet Pump Check Valve (epdm) [M7] Product Code ¹ : 930263 Product Code ² : 930269		Cup Washer (epdm) [M7/M9/M10] Product Code: 930222		Air Line 1/4 PVC Black (1m) [M9/M10] Product Code: 930938
	Pressure Switch [M7] Product Code: 930265		FF 1/4 Mini Ball Valve 9 [M7/M9/M10] Product Code: 930310		1/4 BSP Regulator c/w Gauge 0-10 Bar [M9/M10] Product Code: 930940
	Membrane for Pressure Switch [M7] Product Code: 930267		Hose Coiled Blue [M7/M9/M10] Product Code ³ : 930400 Product Code ⁴ : 930954		MF 1/4 BSP Ball Valve [M9/M10] Product Code: 930944
	FloJet Pump Kit Body Spray Head [M7] Product Code: 930270		Draper Combination Spanner (21mm) [M7/M9/M10] Product Code: 930500		316 Tapered Nipple [M9/M10] Product Code: 930946
	Glycerine Pressure Gauge 2 1/2 0-6 or 0-10 Bar [M7] Product Code: 930280		Pressure Gauge 0-10 Bar [M9] Product Code: 930401		Pressure Release Valve [M9/M10] Product Code: 930950
	PTFE Suction Line Tube (6mm x 8mm x 1m) [M7] Product Code: 930402		Hex Blanking Plug [M9] Product Code: 930948		Silica Pack [M9/M10] Product Code: 930960
	BV 1-14 [M7] Product Code: 930942		Lid O-Ring [M9/M10] Product Code: 930403		Fixed Regulator [M10] Product Code: 930953
	Illuminated Rocker Switch (red) [M7] Product Code: 940012		Stainless Steel Pot [M9/M10] Product Code: 930920		1/4 BSP Bottom Mounted Pressure Gauge [M10] Product Code: 930955
	Drum Cap (for use with 5-litre Drums) [M7] Product Code: CTD05BTP		1/4 BSP Air Dryer [M9/M10] Product Code: 930925		
	Brass Teflon Valve Seat [M7/M9/M10] Product Code: 930206		FM 1/4 BSP [M9/M10] Product Code: 930930		

- Notes:
1. For FloJet Pumps up to 5 June 2008.
 2. For FloJet Pumps 6 June 2008 onwards.
 3. 5m length suitable for M7 and M9 sprayers only.
 4. 8m length suitable for M7, M9 and M10 sprayers.

Accessories

Ritec offer a comprehensive range of application accessories and personal protective equipment recommended for the application of the Ritec Systems.



Window Cleaner's Bucket

Available in a range of colours. Different colours recommended for use with different products to avoid cross-contamination of chemicals. Suitable for use with the 36cm/14" T-bar (910054) and squeegee blades (910060).

Capacity: 10 litres/2.2 gallons.

Description	Product code
Green Bucket	910037
Blue Bucket	910038
Red Bucket	910039



Doodlebug Pad Holder

The Pad Holder is ideal for use during the ClearShield Renovation / Surface Preparation process. To prevent cross-contamination of the chemicals, it is strongly recommended that a separate White Pad is used for each product. The fixed Doodlebug Pad Holder is for hand use, while the swivel type is for use with an extension pole (page 21).

Dimensions: 22cm/9" x 9cm/3.5".

Description	Product code
Doodlebug Pad Holder (Fixed)	910040
Doodlebug Pad Holder (Swivel)	910042
White Pad	910043



T-Bar

Window washer with easy-to-change fleece cover (36cm/14") for the general cleaning of glass surfaces. Ideal for use with Clean-All and Pre-Cleaner. Also recommended for use with other Renovation / Surface Preparation products for larger surfaces.

Description	Product code
Cover for 36cm/14" T-Bar	910053
36cm/14" T-Bar with Cover	910054



Squeegee Handle

Handle for Squeegee Blades 910060 (36cm/14") and 910061 (46cm/18").

Description	Product code
Squeegee Handle	910055



Squeegee Blades

Wiping blades with rubber strip suitable for Squeegee Handle (910055). Available individually in two sizes, 36cm/14" and 46cm/18", and a pack containing both sizes. Squeegee blades are easy to replace whenever required for greater flexibility.

The Squeegee Blades Pack contains one of each squeegee blade size.

Description	Product code
36cm/14" Squeegee Blade	910060
46cm/18" Squeegee Blade	910061
Squeegee Blades Pack	910062



Triumph Scraper

Scraper for manually removing thicker deposits on glass such as silicone, concrete splatter, paint spluttering and dried birdlime prior to the application of the renovation products.

Description	Product code
Triumph Scraper	910066
Pack of 25 Blades	910067



Terry Towels

Cleaning cloth made of 100% cotton for drying glass surfaces and window frames. Also recommended for the application of Neutraliser.

Dimensions: 51cm/20" x 30cm/12".

Description	Product code
Pack of 12 Terry Towels	910080



Tufall Wipes

Highly absorbent, low linting and immensely strong disposable cloth replacement for most demanding applications. Very practical dispensing box for use in factories or onsite.

Dimensions: 31cm/12" x 35cm/14".

Description	Product code
Box of 140 Tufall Wipes	910086



Extension Poles

Lightweight aluminium extension poles for out-of-reach surfaces. Two sizes available, 2m/6'6" and 1m/3'3". Suitable for use with Doodlebug Pad Holder, swivel-type (910042), Squeegee Handle (910055) and T-Bar (910054).

Description	Product code
Extension Pole (2m/6'6")	910090
Extension Pole (1m/3'3")	910092



Disposable Nitrile Gloves

Powder-free, disposable gloves made of nitrile. Protects against possible skin irritation when using various chemicals.

UK size: 9½-10 (XL).

Description	Product code
Box of 100 Nitrile Gloves	910093



Disposable Safety Mask

Respiratory protection when spraying chemicals. Available in two types, 910100 is recommended when using Glass Renovator (GR) products and 910101 is recommended for the spraying of ClearShield (CS) as well as using Glass Renovator products.

Description	Product code
Safety Mask (For GR)	910100
Safety Mask (For GR and CS)	910101

Safety Glasses

Protects eyes against irritation from accidental splashing of chemical products and when spraying. Available in clear or tinted.



Description	Product code
Clear Safety Glasses	910102
Tinted Safety Glasses	910103

UV Lamp

High quality testing device for determining the tin side of float glass. It is recommended that UV glasses are worn when using this lamp. Batteries not supplied.



Description	Product code
UV Lamp	910105

Microfibre Cloth

Industrial-quality microfibre cloth for cleaning, drying and polishing glass surfaces. Very effective at cleaning without the use of detergents.

Dimensions: 30cm/12" x 30cm/12".



Description	Product code
Microfibre Cloth	965001

Synthetic Sponge

Synthetic soft sponge for cleaning glass surfaces.

Dimensions: 10cm/4" x 16cm/6".



Description	Product code
Synthetic Sponge	970005



Quality Control Trigger Spray Bottle

Fine mist trigger spray bottle used for testing the cleanliness of glass surfaces and as part of the initial quality control procedure during the application of ClearShield.

Description	Product code
500ml QC Trigger Spray Bottle	970006



Soft Bristle Brush

Soft bristle brush used for the removal of dust and debris from sandblasted glass surfaces prior to the application of ClearShield.

Dimensions: 22.5cm/9".

Description	Product code
Soft Bristle Brush	970007



Cotton Pads

Pure cotton pads ideal for applying ClearShield by hand. Available in two pack sizes.

Dimensions: 7.6cm/3" x 7.6cm/3".

Description	Product code
Pack of 20 Cotton Pads	C1CP0020P
Box of 600 Cotton Pads	C1CP0600B



Greaseproof Paper

Roll of heavyweight 38gsm greaseproof paper recommended for the packaging of sandblasted glass.

Dimensions: 800m/875yds x 90cm/35".

Description	Product code
Roll of Greaseproof Paper	SBGPP030

Marketing Materials

Ritec offer a wide range of materials used to market the ClearShield System. This includes unique demonstration equipment as well as leaflets detailing the benefits for different market sectors.

For assistance on the creation of bespoke marketing materials tailor-made for your own needs, please contact your Ritec Sales Representative to discuss your individual requirements. Remember, Ritec is always on hand to provide marketing assistance, including the provision of artwork, photos and case studies.



Mud Bottle

The only effective demonstration of glass surface protection available.

The top half of the bottle is treated with ClearShield while the bottom half is left untreated. A simple yet great marketing tool to support the sales process as it strikingly shows the benefits of ClearShield on glass.

Description	Product code
Bottle (with mud mixture)	700001
Bottle (without mud mixture)	700002



Mud Demonstration Unit

Automatic machine with a glass dome half-treated with ClearShield to impressively show the difference compared to ordinary glass. Very effective for attracting visitors to your stand at trade exhibitions and showrooms. A range of accessories is available, including glass domes half-treated with ClearShield, dry mud powder packs and bottles of premixed mud and demineralised water.

Description	Product code	Description	Product code
Mud Demonstration Unit	700012	Dry Mud Powder (40g bag)	700040
Glass Dome	700013	Premixed Mud and Water (500ml)	700045
Dry Mud Powder (2x 500g bags)	700035		



Half-Treated Sandblasted Glass Sample

Small sandblasted glass sample half-treated with ClearShield. Used to effectively demonstrate the resistance of fingermarks on the protected half.

Dimensions: 20cm/8" x 10cm/4".

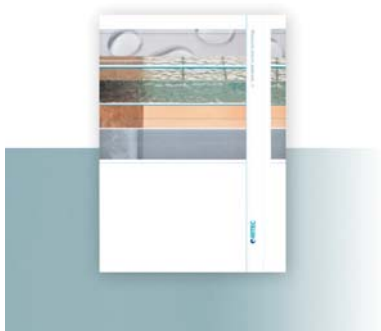
Description	Product code
Sandblasted Glass Sample	700050



ClearShield Roundel Stickers

Roll of 1,000 ClearShield stickers. Used to denote glass protected with ClearShield. Very practical in the factory during fabrication and for showrooms and demonstrations.

Description	Product code
Roll of 1,000 ClearShield Stickers	950071



Ritec Folder

Oversized-A4 card folder ideal for use as information packs. Includes a slot for business cards.

Description	Product code
Ritec Folder	7DFCSGCF



1/3 A4 General Leaflet

Third-A4-sized leaflet explaining the benefits of ClearShield on all glass. Space available to personalise with your company stamp. Cost-effective leaflet, especially practical to use during exhibitions or for mailings. Size and shape perfectly fits DL-sized envelopes (11cm/4.3" x 22cm/8.7"), effective, for example, when inserted alongside invoices and other postal communications.

Description	Product code
1/3 A4 General Leaflet	7DLEAF



1/3 A4 Decorative Leaflet

Third-A4-sized leaflet explaining the benefits of ClearShield on decorative glass. Space available to personalise with your company stamp. Cost-effective leaflet, especially practical to use during exhibitions or for mailings. Size and shape perfectly fits DL-sized envelopes (11cm/4.3" x 22cm/8.7"), effective, for example, when inserted alongside invoices and other postal communications.

Description	Product code
1/3 A4 Decorative Leaflet	7DLEAFD



A4 Shower Enclosures Leaflet

Double-sided A4 leaflet explaining the benefits of ClearShield on glass shower enclosures. Especially designed to promote ClearShield to the end-user. Ensures that the end-user is made aware of the true benefits of ClearShield and the recommended maintenance with an introduction to the After-Care products. Successfully used by fabricators, processors and retailers/dealers alike.

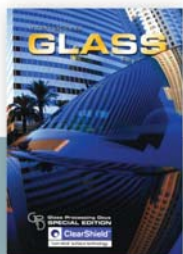
Description	Product code
A4 Shower Enclosures Leaflet	7DLEAFS



A4 Windows and Conservatories Leaflet

Double-sided A4 leaflet explaining the benefits of ClearShield on window and conservatory glass. Ensures that the end-user is made aware of the true benefits of ClearShield and the recommended maintenance with an introduction to the After-Care products. Successfully used by fabricators, processors and retailers/dealers alike.

Description	Product code
A4 Windows & Conservatories Leaflet	7DLEAFC



'Destruction of Glass Surfaces: Inevitable or Preventable?' Leaflet

Six-sided A4 leaflet with a technical article written by Ritec's Managing Director Stephen Byers. Reprinted from International Glass Review magazine in 2003. The article looks at the causes of destruction of glass surfaces, types of contamination and why ClearShield is the ideal solution.

Very popular with specifiers such as architects, facilities managers and contractors as well as anyone interested in finding out about the technical aspect of the corrosion and protection of glass.

Description	Product code
Destruction of Glass Leaflet	7DEGPD6P



RIBA Datasheet

Single-sided A4 technical datasheet approved by RIBA (Royal Institute of British Architects). Explains the uses and applications of ClearShield as well as stating its performance specifications. Especially targets architects and other specifiers such as facilities managers and contractors.

Description	Product code
RIBA Datasheet	7DRIBA



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