

Discover the 'Non-Stick' World
Of Ritec ClearShield®



... upgrades ordinary glass to –

- 'non-stick' easy-clean
- energy-saving
- light-enhancing
- resistant to bacterial adhesion



How it works

Working just like 'non-stick' cookware, **ClearShield®** – the protective element of the award-winning **ClearShield Eco-System®** – acts as a durable protective barrier on the surface of the glass, upgrading existing glass to **ClearShield Eco-Glass®**. This superior type of glass stops limescale, moisture, alkalinity and dirt from bonding with the glass. It's the unique answer to Problem Glass!

ClearShield®...

- is completely transparent, chemically inert, not classified as hazardous and UV stable
- forms a chemical bond with the glass so will never peel, discolour or crack
- is applied by specially trained staff on new glass and also on old glass that is stained or discoloured
- is independently proven to resist the adhesion of bacteria



Museo Enzo Ferrari



Médica Norte

Benefits

For architects and specifiers...

- Protects glass from contamination during construction
- Helps to handover completed glass façade buildings in pristine condition
- Reduces client's on-going cleaning and maintenance costs
- Adds value to prestigious projects
- Projects a positive brand image
- Specifying ClearShield® contributes to the 'Green Building' initiative by reducing significantly the use of water and harsh cleaning chemicals

For glass manufacturers, installers & fabricators...

- Helps increase sales and profits by offering customers an added value solution
- Helps diversify in a stagnant market without capital investment
- Unique renovation solutions for already installed glass

For end users...

- Always easier to clean and keep clean, saving time and effort
- Resists staining and discolouration
- Long-lasting pristine appearance
- Better hygiene as glass resists bacterial adhesion
- Reduces frequency of cleaning by 50% on average

Application versatility

ClearShield® is versatile to use...

- in your own factory or workshop
- on already installed glass

We have a range of application solutions for all kinds of glass, interior and exterior, regardless of volume.

Market sectors

ClearShield® is successfully used to protect all glass surfaces, including...

- building façades
- solar thermal and photovoltaic panels
- commercial glazing
- marine glass
- shower doors and enclosures
- windows, doors, balustrades, rooflights and skylights
- decorative / sandblasted glass
- automotive glass
- kitchen splashbacks and worktops
- glass furniture and mirrors

Our product range



The ClearShield Eco-System®

For the renovation, protection and maintenance of new and existing glass and ceramics



The Ritecoat System™

For the renovation, protection and maintenance of new and existing metals, plastics and paintwork

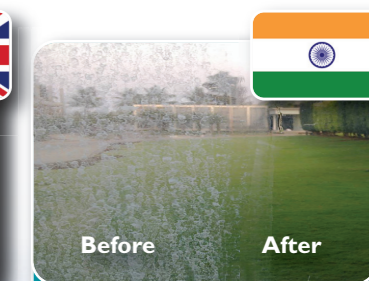


The VoltShield System™

For the renovation, protection and maintenance of new and existing glass and ceramic insulators



Sanderson Hotel



Private Residence



Go Bus Fleet

International Case Studies



International Awards

- Best Innovation / New Product Award (East Zone) Winner
4th Glass Bulletin Awards, 2019
- Outstanding Contribution to the Industry Winner
GGF Members' Day, 2019
- Best Innovation / New Product Award (East Zone) Winner
3rd Glass Bulletin Awards, 2018
- G15 Commercial Project of the Year Finalist
British G-Awards, 2015
- Big Innovation Pitch to Marks & Spencer Finalist
Ecobuild Show, 2015
- Product of the Year Award
US Glass, 2013
- Environmental Initiative of the Year Award Finalist
British Glass Awards, 2013
- Working Neighbourhood Fund Export Award
Enterprise Enfield, 2010
- Best Entrant from a Business, Runner-up
Enfield Innovators Competition, 2009
- G09 Glass Company of the Year Award
British Glass Awards, 2009
- Innovative Business of the Year Award, Runner-up
Enterprise Enfield, 2008
- ClearShield: Best New Technology, Third place
US Awards & Recognition Association (ARA), 2008
- G05 Specialist of the Year Award
British Glass Awards, 2005
- ClearShield: Product of the Year Award, Voted #1
US Glass, 2002
- ClearShield: Millennium Product Award
British Design Council, 2000
- ClearShield: Daily Mail Blue Ribbon Award
London Ideal Home Exhibition, 1987
- ClearShield: Prince of Wales Award for Innovation
British Engineering Council, 1987



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ClearShield[®] is manufactured in the UK by Ritec International Ltd
an ISO 9001:2015, ISO 14001:2015 Company



Certificate Number 6545

Glass and Glazing Federation