

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

... upgrades ordinary glass to –

- 'non-stick' easy-clean
- energy-saving
- light-enhancing
- microbe-resistant



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 is the unique answer to Problem Glass!

ClearShield®...

- is completely transparent, chemically inert, non-hazardous and UV stable
- forms a chemical bond with the glass so will never peel, flake 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 possess anti-microbial properties



Grand Hotel Tijuana



Cypria Maris Hotel

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...

- Pristine appearance of glass and reduction in growth of bacteria
- Always easier to clean and keep clean
- Significant savings on maintenance costs of glass
- Reduces frequency of cleaning by 50% on average
- Resists staining and discolouration

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
- domestic windows and doors
- 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



National Mazda Pro7 Racing Series

International Case Studies



International Awards

- **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
Sponsored by Barclays Bank
- **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



Ritec International Ltd

15 Compass West Estate, West Road, London N17 0XL, UK

T: +44 (0)20 8344 8210 • F: +44 (0)20 8344 8211 • info@ritec.co.uk • www.ritec.co.uk



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



Glass and Glazing Federation



Certificate Number 6545
ISO 9001:2015, ISO 14001:2015