

Ritec and ClearShield at a Glance

Ritec International Ltd is a product and market development company based in London, England. Ritec specialises in the production, marketing and distribution of transparent, 'non-stick', thin-film, durable surface protection technologies. Starting in 1981, Ritec pioneered durable glass surface protection with ClearShield as part of a complete system for glass renovation, protection and maintenance.

ClearShield - General Description

- a proprietary mixture of polymeric resin, catalyst and inhibitors in a carrier system
- chemically cross-links with glass to form multi-molecular, durable surface protection
- chemically inert or neutral to most substances
- does not migrate to other surfaces
- part of a complete system of glass renovation, protection and maintenance

Functions

- makes exterior or interior glass "non-stick" - with easy-clean, low maintenance performance and resistance to staining and discolouration
- resists adhesion of both organic and inorganic contaminants
- protects against glass surface corrosion
- makes glass water-repellent (hydrophobic)
- will not migrate to other surfaces
- makes the surface chemically inert to most substances and smoother with lower coefficient of friction

Uses

- durable surface protection before, during and after construction
- exterior and interior glass in all types of private and commercial buildings, marine vessels and transportation vehicles
- resistance to both organic and/or inorganic contaminants

Application / Health & Safety

- in factory or on-site, in-situ – easily reapplied
- manually by cotton pad, by dipping or by spray – manual, semi-automatic or fully automatic equipment
- not classified as hazardous – personal health & safety and environmental

Other

- performance warranties or guidelines for each market sector
- formulations to meet specific market requirements, such as decorative glass, architectural, shower glass, hygiene and direct food contact.