



**New!**

## ClearShield® grades for Anti-bacteria - Food contact - Heat performance

Glass oven door



**ClearShield Food & Hygiene** protects glass and ceramic surfaces to make them easy-clean and stain-resistant:-

- **where good hygiene is paramount, such as:-**
  - medical facilities, e.g, hospitals and surgeries
  - laboratories
- **with direct or indirect food contact, such as:-**
  - holloware
  - food counters and food preparation/processing areas
  - cooker hood glass
  - kitchen splashbacks



**ClearShield Heat Performance** combines the above benefits where higher heat resistance is required, such as:-

- ovenware
- glass oven doors
- glass hobs

### **Saves time, effort and money by –**

- ✓ creating easy to clean, Low-M (Low-Maintenance) surfaces
- ✓ reducing cleaning frequency by 50% on average
- ✓ reducing the need for harsh cleaning materials

### **Enhances surface appearance by –**

- ✓ protecting against staining / discolouration
- ✓ eliminating damage by aggressive cleaners

### **Improves surface hygiene by –**

- ✓ resisting adhesion and growth of microbes
- ✓ making removal of contaminants more thorough

**Meets  
EU and  
US FDA  
requirements**



**ClearShield Food & Hygiene** and **ClearShield Heat Performance** are the latest additions to Ritec's proven ClearShield glass surface protection range, providing effective protection against:-

- staining / discolouration by food
- adhesion and growth of micro-organisms, such as bacteria and fungi on surfaces in food processing plants, restaurants and hospitals.



### Meets EU and US FDA Requirements

**ClearShield Food & Hygiene** and **Heat Performance** meet European Union (EU) and the United States Food and Drug Administration (FDA) requirements for direct contact with all types of food, as confirmed by an independent laboratory accredited by the UK Accreditation Service (UKAS).

Extract of report on 'Adherence of Bacteria to Surfaces Treated with ClearShield' by the Centre for Applied Microbiology & Research, Public Health Laboratory Service, Porton Down, Salisbury:



**Ordinary Glass**



**ClearShield Glass**

*Micrograph of cells of staphylococcus aureus adhering to glass slides (after washing)*

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

- Public Health Laboratory Service