



# PRODUCT PERFORMANCE

## FLAT GLASS

Glass products in the building, automotive, furniture, art and domestic glass sectors that are generally derived from flat glass will have undergone a variety of processes such as cutting, grinding, bending, toughening, decoration and lamination to produce the final product.

Product specification, product performance and national or international standards governing manufacture and use of the product are often demanding to ensure 'fitness for purpose'. In some cases, a product must undergo rigorous tests before being put into service or onto the commercial market.



GTS offer a range of services, laboratory testing and on-site assessment to identify and assist with problems related to manufacturing processes, product performance, design criteria, conformance with standards and specifications and in general the 'fitness for purpose' of any glass item, its installation or application.

Should a failure occur, analysis of the broken remains can allow determination of the cause of failure and facilitate focused remedial action. This service can be carried out on both normally annealed glass and toughened glass.

### SERVICES AVAILABLE

- Evaluation of quality
- Identification on glass type and/or faults
- Failure / Breakage investigations
- Conformance with specifications and standards
- Aesthetics and general visual quality
- Surveys of safety glass
- In situ analysis

### EXAMPLES OF THE RANGE OF GLASS PRODUCTS COVERED

- Architectural glass and glazing
- Automotive glass and glazing (land, sea and air)
- Domestic glass (shelving, shower screens, cooker doors, furniture, etc)
- Structural Glass
- Glass in art and design

If you would like further information please contact the Product Performance Department.

**GLASS TECHNOLOGY SERVICES LTD.**  
9 Churchill Way, Chapeltown,  
Sheffield, S35 2PY  
Tel: 0114 2901801  
Fax: 0114 2901851  
E-mail: [info@glass-ts.com](mailto:info@glass-ts.com)  
Web: <http://www.glass-ts.com>