



TG Application

Glass Balustrades

ToughGlaze manufactures single toughened and toughened laminates for balustrading requirements, with the support from a modern production facility both toughened monolithic and toughened laminated can be supplied in a full range make up's.

As each project is different in design, ToughGlaze follow specification that is stated on the purchase order prior to order placement. It is recommended to have your specification checked by a certified glass consultant to ensure all requirements are met in relation to BS 6180 standards. ToughGlaze would also recommend all toughened panels are heat soak tested to reduce possible site breakage after installation. For more information, please visit our heat soaked glass section.

Technical Specifications

- Two **Toughening furnaces** produce toughened glass between 10mm - 19mm in clear, tinted and satin finishes.
- Glass can also be supplied by the customer - Max processing size 2500mm x 4100mm (Lamination only service).
- In house PVB Laminating 2600mm x 4000mm.
- Full CNC cutting, drilling and polishing. Service maximum size of 1800mm x 3000mm.
- Heat soak testing maximum size of 2500mm x 4100mm according to BS EN 14179.
- **Automated silkscreen printing** maximum size of 1800mm x 3500mm, using RAL colours to achieve various frit designs.
- **Sandblasted** maximum size 2100mm x 4100mm.
- Collection or site delivery service available.
- Line loads: 0.74kn/m², 1.5kn/m², 3kn/m².
- PVB, Sentry and TGWR.
- Test rig to calculate line load, UDL and Point load.

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