

// COUNTY GLASS //

GLASS PROCESSING



PYROGUARD
Fire Resisting Glass

PYROGUARD 7.2_{mm} INTERNAL & EXTERNAL

FIRE RESISTING GLASS FOR INTEGRITY AND RADIANT HEAT CONTROL.

Introduction.

The Pyroguard fire resisting glass range is exclusively manufactured by CGI International using an unique laminating process to produce a variety of glass types, performances and appearances. Pyroguard has been developed using CGI International's long and wide experience as a specialist resin manufacturer with tried and tested products for the construction, civil and defence industries. The CGI International philosophy as a fire resisting glass provider is to offer a complete range of fire products to fulfil the wide variety of performances, appearance and prices called for by specifiers and clients. The Pyroguard range is described in detail in this data sheet and the individual glasses are in the performance fields of integrity only; integrity plus radiation control; partially insulating.

Other CGI International fire glass products include integral, wired, modified toughened and fully insulated types and are covered by additional data sheets and information.

Fire performance and testing.

Pyroguard Fire Resisting Glasses have been widely tested in the UK for fire performance against BS 476 Parts 20 and 22. Elsewhere in Europe and throughout the world, equivalent testing has been undertaken. The testing protocols are very similar to that of BS 476 Part 20 and the related ISO 834 but may have local minor variations.

Many nationally based test houses have agreed the acceptance of equivalent tests with the approved test institutes of other nations and will supply assessments based upon these.

Impact Performance.

All Pyroguard glasses are manufactured to meet Class B safety level (tested by BSI UK to BS 6206). From 2002 onwards, the Euro-Norm impact test – EN 12600 – will increasingly be recognized. All Pyroguard glasses have been tested to at least Class 2B of EN 12600. These test meet fully the needs of BS 6262, Building Regulations Document N and Health, Safety and Welfare Regulation 14.

Glass Type – Pyroguard Clear.

Pyroguard Clear is an ideal wire free laminated fire resisting glass which can be used in a variety of frame types with a high tolerance to edge clearance, edge cover and glazing materials. The fire performance of Pyroguard Clear depends on an especially formulated fire resisting resin interlayer(s) and is unique by the following features:

- Able to be incorporated into a wide variety of double glazing units.
- Resin interlayer(s) are stable to ultra violet light. Suitable for internal and external use.
- Tested impact resistance.
- Reduction in measured radiated transfer heat levels.
- 7.2mm Pyroguard for 30 minute integrity plus radiation control
- Double Glazing Units using 7.2mm Pyroguard as an inner glass with an outer glass, normally of tempered. The outer glass can be coated or tinted to match the rest of the building fenestration.
- Exceptional visual clarity compared to fire glass.

for all enquiries:

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