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## CERTIFICATE OF APPROVAL

### No CF 5306

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This is to certify that, in accordance with  
 TS00 General Requirements for Certification of Fire Protection Products  
 The undermentioned products of

## FIRE GLASS UK LIMITED

**Unit 25, Spartan Industrial Estate, Brickhouse Lane, West  
 Bromwich, West Midlands B70 0DH  
 Tel: 0121 521 2180**

Have been assessed against the requirements of the Technical Schedule(s)  
 denoted below and are approved for use subject to the conditions  
 appended hereto:

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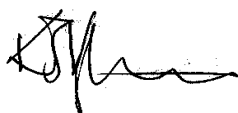
#### CERTIFIED PRODUCT

**'FG30' Fire Resisting Glass**

#### TECHNICAL SCHEDULE

**TS 25 Fire Resistant Glass,  
 Glazing Systems and  
 Materials**

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight  
 Chairman - Impartiality Council  
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Issued: 6<sup>th</sup> August 2015  
 Valid to: 5<sup>th</sup> August 2020



**CERTIFICATE No CF 5306**  
**FIRE GLASS UK LIMITED**

**'FG30' Fire Resisting Glass**

This Certificate of Approval relates to the fire resistance of Fire Glass UK Ltd.'s 'FG30' glass products when used in the following applications, as defined in BS 476: Part 22: 1987 subject to the undermentioned conditions.

Application	Fire Resistance Performance (mins)	
	Integrity	Insulation
Timber based doorsets	30	0

This product is approved on the basis of:

- a) Initial type testing
- b) A design appraisal against TS25
- d) Audit testing
- e) Inspection and surveillance of factory production control
- f) Certification of quality systems to ISO 9001: 2008

This Certificate of Approval must be read in conjunction with CERTIFIRE Technical Schedule TS25, Fire Resistant Glass, Glazing Systems and Materials.

**General Requirements**

The bead edge cover to each pane shall be 8 mm and edge clearance shall be no less than 2.5 mm to each vertical edge and 2.5 mm along the top edge.

There is no restriction to the direction of exposure for the glass i.e. the glass is symmetrical.

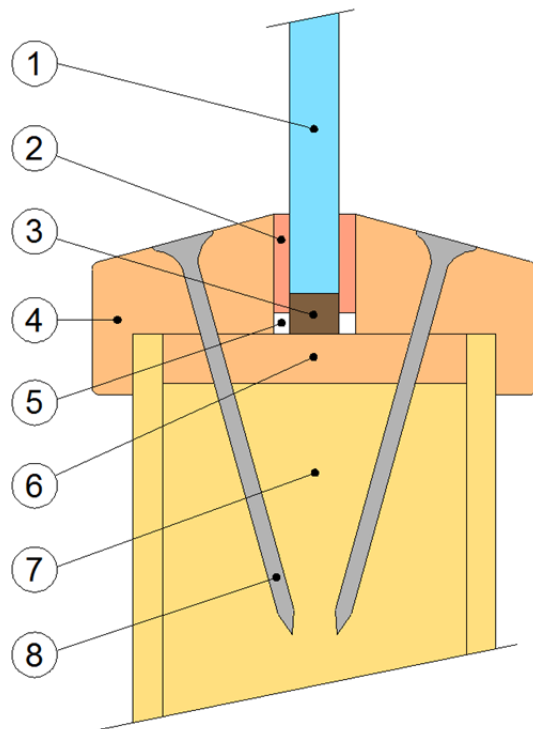
Any number of panes may be included in the door leaves covered below providing the door leaf is capable of supporting this principle.

**Production**

This approval relates to on going production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application when appropriate.

## CERTIFICATE No CF 5306 FIRE GLASS UK LIMITED

### 'FG30' glass in timber based doorsets for periods of 30 minutes integrity



1. FG30 glass, 6 mm thick
2. Closed cell foam glazing tape: 'FIRE + ACOUSTIC 78130', 12mm by 2 mm
3. Max 5 mm hardwood setting blocks
4. 22 mm high by 22 mm wide MDF beads including a 5 mm by 7 mm bolection, chamfered to 15°
5. Acrylic intumescent mastic to void, both sides
6. 6mm thick MDF liner to aperture (minimum density 550kg/m<sup>3</sup>)
7. Nominal 44 mm thick FD30 door leaf
8. 50 mm x 2 mm diameter steel pins at maximum of 90 mm centres, angles by 30°

The doorset shall be CERTIFIRE approved or have test evidence for the inclusion of apertures of the proposed dimensions. Only solid cored timber based or cellulosic cores are suitable for being glazed with this system.

This Certificate of Approval relates to the sizes of 'FG30' glass shown in Table 1, when used in conjunction with the above system. The aspect ratio of the glass may be unlimited within these aperture dimensions.

**CERTIFICATE No CF 5306**  
**FIRE GLASS UK LIMITED**

'FG30' glass in timber based doorsets for periods of 30 minutes integrity

**Figure 1.**  
**Maximum Permitted Glass**  
**Dimensions**

