



CGI International

Millfield Lane - Haydock - WA11 9GA - UK

T. +44 (0) 1942 710 720 - F. +44 (0) 1942 710 730

www.pyroguard.eu

7 mm Pyroguard FD60

The test was conducted on the 19th October 2010 at Exova Warrington Fire, test report ref WF197447.

The purpose of the test was to confirm the fire resistance performance of a glazed vision panel within a section of timber door leaf, when exposed to the heating conditions specified in BS 476: Part 20: 1987.

The section of door leaf had overall nominal dimensions of 1495 mm high by 926 mm wide by 54 mm thick and was of a solid graduated density chipboard construction with veneer facings.

The door leaf included an aperture cut out to include a pane of 'Pyroguard Firedoor 60' glass of overall nominal dimensions 310 mm wide by 1300 mm high, protected via a 'Palusol' liner and 20 x 2 'Interdens'. The glazed unit was retained via pin fixed hardwood glazing beads on both faces.

Pins being 50 mm long steel at a maximum of 150 mm centres and angled at 45 degrees. Glazing beads being 32 mm x 19 mm including a 6 mm x 6 mm bolection return, chamfered at 45 degrees and minimum 650 Ks/m³ density.

The specimen formed the front vertical face of a 1.5 metre wide by 1.5 metre high by 2 metre deep gas fired furnace chamber, the temperature rise of which was controlled to conform to the relationship given in BS 476: part 20: 1987.

After further analysis and expert judgement by Warrington Certification, the aspect ratio of the vision panel can be modified to 250 mm x 1500 mm.

Simon Ellison
Technical Manager
CGI International Ltd

Fire Glass Solutions

▶ Registered Office: Millfield Lane - Haydock - WA11 9GA
▶ Registered Number: 3648124 England
▶ VAT Registered Number: 712 5291 57