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Title

Supplementary Field of Application report for:

Between Glass Blinds Ltd Vision Panels for Fire Resisting Timber Doorset Assemblies:

For 30 minutes Fire Resistance

Report No.:

WF413784 Revision A

Issue Date:

20th August 2025

Valid Until:

20th August 2030

Job Reference:

WF551466

Prepared for:

Between Glass Blinds Limited

51 – 55 Fowler Road

Hainault Industrial Estate

Hainault

Essex

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Contents

1 Foreword

This supplementary Field of Application (FoA) report has been commissioned by Between Glass Blinds Limited (BGB) and relates to the fire resistance of the BGB vision panel system and is intended to supplement the primary FoA report of the fire resisting doorset designs listed in section 3.2.

Unless stated otherwise in this report, the details contained within the primary FoA must take precedence. This supplementary FoA is only valid when used in conjunction with the primary FoA reports detailed herein.

This supplementary FoA report is for National Application and has been written in accordance with the general principles outlined in BS EN 15725.

This supplementary FoA uses established empirical methods of extrapolation and experience of fire testing similar doorsets, in order to extend the scope of application by determining the limits for the designs based on the tested constructions and performances obtained. The scope is an evaluation of the potential fire resistance performance if the variations specified herein were to be tested in accordance with BS 476-22: 1987.

This supplementary Field of Application has been written using appropriate test evidence generated at UKAS accredited laboratories, to the relevant test standard. The supporting test evidence has been deemed appropriate to support the manufacturers stated glazing systems (vision panels) with the proprietary doorset design listed in section 3.2. The primary evidence for the vision panel is summarised in section 3.1.

The scope presented in this supplementary FoA relates to the behaviour of the proposed vision panel systems when installed within identified doorset design under the particular conditions of the test; they are not intended to be the sole criterion for considering the potential fire hazard of the door assembly in use.

This supplementary Field of Application has been prepared and checked by product assessors with the necessary competence, who subscribe to the principles outlined in the Passive Fire Protection Forum (PFPF) '*Guide to Undertaking Technical Assessments of the Fire Performance of Construction Products Based on Fire Test Evidence*'. The aim of the PFPF guidelines is to give confidence to end-users that assessments that exist in the UK are of a satisfactory standard to be used for building control and other purposes.

The primary FoA reports referenced in section 3.2 are to be used in conjunction with the scope presented in this supplementary FoA. At the time of issue of this document, the relevant primary FoA reports have remaining validity. The referenced primary FoA reports must retain validity, in order that this supplementary FoA report can be considered valid when used in conjunction with the primary FoA. If the revision of the relevant primary FoA changes, then this supplementary FoA must no longer be used with that primary FoA.

The drawings provided in this report are for guidance and illustrative purposes only. Please note that the written scope of application takes precedence.

2 Proposal

It is proposed to consider the fire resistance performance of the doorset designs listed in section 3.2, when fitted with BGB vision panels system detailed in sections 4.6 and 5 for 30 minutes fire resistance integrity, if the doorset designs were to be tested to the requirements of BS 476 Part 22: 1987, *Methods for determination of the fire resistance of non-loadbearing elements of construction.*

The scope defined in this report is based on fire resistance test evidence for doorset designs incorporating BGB vision panels, which is summarised in section 3.1. Analysis of specific construction details that require assessment are given within this supplementary FoA against the relevant element of construction, as appropriate.

In order to construct a doorset design using the BGB vision panel design listed herein, this supplementary FoA must be used in conjunction with one of the primary FoAs listed in section 3.2, as appropriate. This supplementary FoA cannot be used to support the fire resistance of a doorset design by itself.

This supplementary FoA only provides information relevant to the BGB vision panel and how it may be used as an option to similar products currently listed within the primary FoA reports listed in section 3.2. All other construction details and design limitations must be in compliance with the primary FoA for the doorset design, as appropriate.

It is beyond the remit of this supplementary FoA report to provide scope for performance characteristics other than fire resistance integrity performance. Any other performance requirement is to be subject to a separate analysis.

2.1 Assumptions

- All densities referred to in this document are based upon an assumed moisture content of 12%.
- It is assumed that doorsets will be constructed in accordance with the primary FoA reports referred to herein, other than those specific aspects related to vision panels as detailed in this supplementary FoA.
- For components created using solid timber sections referred to in this assessment, it is assumed that, for all timbers, they will be of a quality deemed to meet or exceed class J30 as specified in BS EN 942: 2007, subject to adequate repairs, other than glazing beads which must meet a minimum class J10. Note that areas under intumescent seals/gaskets are not considered to be concealed faces and defects must be repaired.
- Where timber is referred to within this document it is assumed that the timber element is made from a continuous solid piece, unless specifically detailed otherwise.
- All dimensions detailed herein may be varied by ±2% except where minimum, maximum or a range of dimensions are given.

3 Test Data

The test evidence summarised below has been generated to support the fire resistance performance of the BGB vision panel system that is the subject of this supplementary FoA. Only key aspects of the tested details have been summarised.

Note:

1. Dimensions are in mm unless otherwise stated.
2. Abbreviations: (h) = height; (w) = width; (t) = thickness; (d) = deep: (l) = long.
3. Latches fitted but disengaged for the test, are reported as ‘unlatched’.

The test evidence has been generated within timber-based door leaf constructions that are deemed fundamentally similar to the designs in the primary FoA and has therefore been deemed suitable for the purpose of this supplementary FoA.

The test evidence used in the evaluation is over 5 years old. In accordance with industry guidance, the evidence has been reviewed to consider its suitability. Warringtonfire are satisfied that there have been no significant revisions to the relevant test standards which would render the evidence irrelevant.

3.1 Primary Test Evidence

The following summary is provided to give the key details relevant to the test report and scope of this supplementary FoA. To support the design options and scope in this supplementary FoA, this test report is referred to, as appropriate.

3.1.1 Test Report WF403484 Revision A

Date of test		14th August 2018
Identification of test body:		Warringtonfire Testing and Certification Limited. UKAS No. 1762
Sponsor:		Vistamatic Ltd
Tested Product:		2No. Latched, single leaf, single acting, timber based, flush door leaves fitted with Between Glass Blinds vision panels. The doorsets were referenced Doorset A and Doorset B
Orientation:		Both doorsets were oriented to open in towards the furnace
Summary of test specimens (mm):		Doorset A Dimensions: 2100 (h) x 1140 (w) x 54 (t) Doorset B Dimensions: 2100 (h) x 1140 (w) x 45 (t) Doorset A comprised a Flamebreak 660 lamel core leaf and Doorset B comprised a Halspan Prima 30 graduated density particleboard core leaf. The details of both leaf constructions are held on file, in confidence, at Warringtonfire. Both leaves were lipped on the vertical edges with 8 (t) thick sapele of nominal density 640kg/m^3. Each leaf incorporated a 1500 (h) x 600 (w) BGB vision panel comprising 7 (t) Pilkington Pyrodur glass to the exposed face with Pilkington Optiwhite toughened glass to the unexposed face 4 (t) to doorset A and 6 (t) to doorset B. The outer panes were separated by a 20 (t) aluminium spacer with a centrally fitted 12.5 (t) BGB magnetically operated internal blind consisting of an aluminium frame and shutter assembly operated with a string pulley system. The glass panes were retained by sapele hardwood beading 20 (h) x 17 (d) including a 9 x 9 bolection return and a 15º chamfer, of nominal density 640kg/m^3 and fixed with 60 long steel pins 50 from corners at 150 centres and 35° to the glass panes. Both leaves were hung in Redwood softwood frames using 3No. Royde and Tucker lift off steel hinges and fitted with Rutland TS3204 surface mounted overhead closers and E*S tubular steel mortice latches, engaged for the duration of the test.
Test Standard:		BS 476: Part 22:1987, Clause 8 and BS 476: Part 20:1987
Performance	**Doorset A**	Integrity: 40 minutes Insulation: 0 minutes[1]
	Doorset B	Integrity: 40 minutes Insulation: 0 minutes[1]

[1]In accordance with Section 8.6.1 of BS 476: Part 22: 1987, the samples were not evaluated for insulation.

3.2 Supplementary Test Evidence

The following primary FoA reports provide the key details necessary to construct a doorset design in conjunction with the glazing system given in this supplementary FoA.

Each of the below door designs have been successfully tested and assessed to provide a minimum of 30 minutes fire resistance to BS476 Part 22:1987.

Other than for the specific glazing system requirements detailed herein, the relevant primary FoA for the specified doorset design must be referred to for all details of construction and installation.

3.2.1 Field of Application report Chilt/A02066 Revision Q – Strebord 44

The referenced field of application report contains the test evidence used to support the fire resistance of the Strebord 44 doorset design. Construction of these proprietary fire resisting doorsets must be in accordance with the requirements of the field of application report, other than as specified for the BGB vision panel detailed within this report.

Validity period	From:	17th July 2025
	To:	29th January 2030
Identification of assessing body	Warringtonfire Testing and Certification Limited	
Assessment Sponsor	Falcon Timber Ltd	
Summary of assessment	3 layer solid core particleboard doorsets for 30 minute fire resisting applications. The assessment extends the scope of application of the tested design based on a series of full scale fire resisting tests and covers: • Permitted configurations • Maximum leaf sizes • Intumescent specifications • Frame • Hardware	
Test Standard	BS 476 Part 22: 1987	

3.2.2 Field of Application report Chilt/F15159 Revision F – Stredor 44

The referenced field of application contains the test evidence used to support the fire resistance of the Stredor 44 doorset design. Construction of these proprietary fire resisting doorsets must be in accordance with the requirements of the field of application report, other than as specified for the BGB vision panel detailed within this report.

Validity period	From:	1st July 2022
	To:	1st July 2027
Identification of assessing body	Warringtonfire Testing and Certification Limited	
Assessment Sponsor	Falcon Panel Products Ltd	
Summary of assessment	Door leaves comprise a tri-layer lamel core with plywood or MDF faces for 30 minute fire resisting applications. The assessment extends the scope of application of the tested design based on a series of full scale fire resisting tests and covers: • Permitted configurations • Maximum leaf sizes • Intumescent specifications • Frame • Hardware	
Test Standard	BS 476 Part 22: 1987	

3.2.3 Field of Application report FEA/F97174 Part 1 Revision J – Prima 30

The referenced field of application contains the test evidence used to support the fire resistance of the Prima 30 doorset design with timber frames. Construction of these proprietary fire resisting doorsets must be in accordance with the requirements of the field of application report, other than as specified for the BGB vision panel detailed within this report.

Validity period	From:	11th April 2022
	To:	18th March 2027
Identification of assessing body	Warringtonfire Testing and Certification Limited	
Assessment Sponsor	Halspan Ltd	
Summary of assessment	Solid particleboard core doorsets for 30 minute fire resisting applications. The assessment extends the scope of application of the tested design based on a series of full scale fire resisting tests and covers: • Permitted configurations • Maximum leaf sizes • Intumescent specifications • Timber based Door Frames • Hardware	
Test Standard	BS 476 Part 22: 1987	

3.2.4 Field of Application report Chilt/A01204 Part 1 Revision H – Optima 30

The referenced field of application contains the test evidence used to support the fire resistance of the Optima 30 doorset design with timber frames. Construction of these proprietary fire resisting doorsets must be in accordance with the requirements of the field of application report, other than as specified for the BGB vision panel detailed within this report.

Validity Period	From:	15th November 2023
	To:	8th October 2025
Identification Of Assessing Body	Warringtonfire Testing and Certification Limited	
Assessment Sponsor	Halspan Ltd	
Summary Of Assessment	Solid particleboard core doorsets for 30 minute fire resisting applications. the assessment extends the scope of application of the tested design based on a series of full scale fire resisting tests and covers: • Permitted Configurations • Maximum Leaf Sizes • Intumescent Specifications • Frame • Hardware	
Test Standard	BS 476 Part 22: 1987	

3.2.5 Field of Application report FEA/F98164 Revision P – Flamebreak 30

The referenced field of application contains the test evidence used to support the fire resistance of the Flamebreak 30 doorset design. Construction of these proprietary fire resisting doorsets must be in accordance with the requirements of the field of application report, other than as specified for the BGB vision panel detailed within this report.

Validity period	From:	27th August 2024
	To:	27th August 2029
Identification of assessing body	Warringtonfire Testing and Certification Limited	
Assessment Sponsor	Pacific Rim Wood Ltd	
Summary of assessment	Lamella core doorsets for 30 minute fire resisting applications. The assessment extends the scope of application of the tested design based on a series of full scale fire resisting tests and covers: • Permitted configurations • Maximum leaf sizes • Intumescent specifications • Frame • Hardware	
Test Standard	BS 476 Part 22: 1987	

4 Technical Specification

4.1 General

The technical specification for the proposed door assemblies is given in the following sections and is based on the primary test evidence for the BGB vision panel and primary FoA reports, summarised in section 3.

4.2 Permitted Proprietary Doorset Designs

The proprietary doorset designs proposed to be fitted with the glass and glazing systems detailed herein must be fully constructed in accordance with their associated primary FoA reports (see section 3.2).

The field of application supporting the performance of the doorset design will provide full information on:

- Intended use
- Permitted configurations
- Orientations
- Leaf dimensions
- Intumescent specifications
- Permitted hardware options
- Installation methodologies.

The supporting primary FoA reports considered for use within this supplementary field of application are detailed in section 3.2 and are specific to the revision detailed. The following proprietary door designs have been considered for use with the glazing systems detailed in sections 4.6 & 5 of this supplementary FoA:

- Halspan 30 Prima
- Halspan 30 Optima
- Falcon Strebord 44
- Falcon Stredor 44
- Pacific Rim Wood Flamebreak 30.

Within the supporting FoA reports considered for use within this supplementary field of application, it is permitted to use a 54mm thick version of door blank type, as an alternative to the 44mm thick door blank. 54mm thick blanks (where permitted) remain limited to 30 minutes integrity performance. As tested in WF403484 Revision A, the Between Glass Blinds Vision Panel has demonstrated it will not be the cause of premature integrity failure when installed in a 54mm thick door leaf type. Details in section 4.5.2 must be complied with in either 44 or 54mm thick leaves.

4.3 Intended Use

The intended use of the proposed door assembly incorporating the Between Glass Blinds Vision Panel, installed meeting the requirements herein, is summarised below:

A pedestrian doorset including any frame, door leaf or leaves which is provided to give a fire resisting capability when used for the closing of permanent openings in fire resisting separating elements, which together with the building hardware and any seals (whether provided for the purpose of fire resistance or smoke control or for other purposes such as draught or acoustics) form the assembly.

4.4 Glazing Proprietary Doorsets – General Considerations

The testing conducted on the proprietary doorset designs demonstrates that they are capable of tolerating glazed apertures, whilst providing a margin of over performance, this is supported by the summarised test evidence within the appropriate primary field of applications, as identified within section 3.2.

The glass and glazing systems considered herein have therefore been considered acceptable providing the following parameters, for the specified doorset, are maintained:

1. In all cases, the aperture shapes considered herein are rectilinear. Alternative shapes are not permitted.
2. Apertures cannot be rotated (e.g. a square to be rotated to create a diamond effect).
3. The minimum distance between the glazed aperture and the edges of the leaf defined within the supporting primary FoA for the doorset design must be observed and may not be reduced.
4. The aperture dimensions (i.e. height, width and area) for each glazing system application in section 5 below must take precedence over those in the supporting primary FoA for the doorset design e.g. the glazed area, maximum height and width permitted for a specific glazing system application in section 5 below may not be increased on the basis of the area, height and width permitted within the relevant primary FoA for the doorset design. If the area, height and width in the relevant primary FoA for the doorset design is smaller than that for the glazing system in section 5, the smaller dimension will take precedence.
5. The provision of multiple apertures, including maximum total glazed area permitted, will be determined by the appropriate primary FoA for the specific doorset design. If multiple apertures are not permitted within the primary FoA for the doorset design, only single apertures may be fitted.
6. Where multiple apertures are permitted within the supporting primary FoA for the specific doorset design, the distances between apertures must be as determined within the appropriate primary FoA.

4.5 Doorset Configurations & Maximum Leaf Sizes

4.5.1 General

Based on the testing conducted on the various doorset designs listed in section 3.2, each of which has been tested incorporating glazed apertures in single and/or double leaf configurations and the testing conducted on the BGB Vision Panel, this supplementary FoA report imposes no additional restrictions on leaf sizes or doorset configurations over and above those permitted in the primary FoA for the specified doorset.

4.5.2 Orientation

The primary testing for the BGB Vision Panel has been conducted on doors opening towards the furnace. The glass and glazing system are asymmetrical and have only been tested from a single direction, therefore, the units can be considered for use only where the fire risk side of the doorset can be determined with the BGB vision panel oriented as detailed in sections 5.2 - 5.3 below with respect to the fire risk face.

This supplementary FoA therefore only supports the use of the BGB vision panel oriented as detailed in sections 4.6 and 5 below with respect to the fire risk face, further limitations on direction of opening and fire risk may be dictated by the primary FoA for the specified door design.

4.6 Description of the BGB vision panel

The tested BGB vision panel comprises of a double glazed unit with an additional, central magnetically operated blind, comprising of two outer panes of toughened glass, one which must be 7mm thick and the other may be 4 – 6mm thick, complete with an aluminium spacer between the two panes and a moveable middle layer comprised of annealed glass mounted in an aluminium frame.

Alternative glass types to those listed in the table below and in sections 5.1 are not permitted.

The table below gives a summary of the tested BGB glazing panel assembly.

Element	Product/ Materials	Dimensions (mm)	Details
Between Glass Blinds™ double glazed unit with magnetic adjustable privacy blinds between the glass layers. Overall unit thickness 31 - 33mm	Pilkington Optiwhite Toughened Glass	4 thick (31 thick unit) 6 thick (33 thick unit)	Fitted on the unexposed face
	Pilkington Pyrodur	7 thick	Fitted on the exposed (fire risk) face of the leaf, as discussed above.
	BGB magnetically operated internal blind – comprising an aluminium frame and shutter assembly with a string and pulley operated system	12.5 thick	Fitted between the outer layers of glass.
	Aluminium spacer	20 thick	Fitted between the outer layers of glass
Perimeter Sealing	Hot Melt Butyl Sealant	-	Applied to all edges of the glazed unit

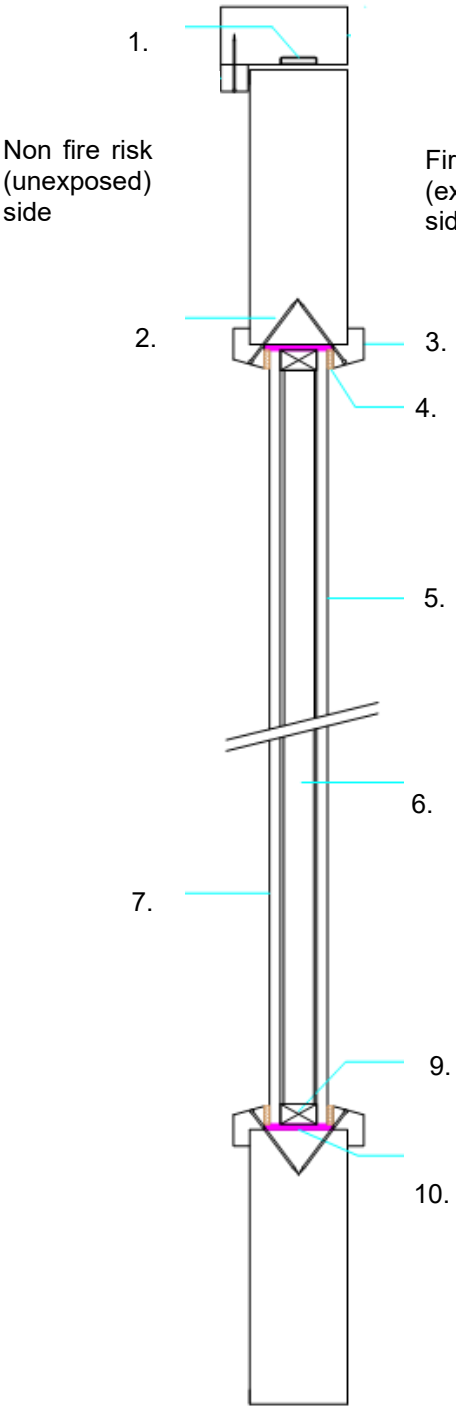
Note: Middle layer of glass may be fitted at full height of the vision panel or fitted at the top half of the vision panel only, whilst the bottom half remains fixed.

5 Glazing within the Door Leaf

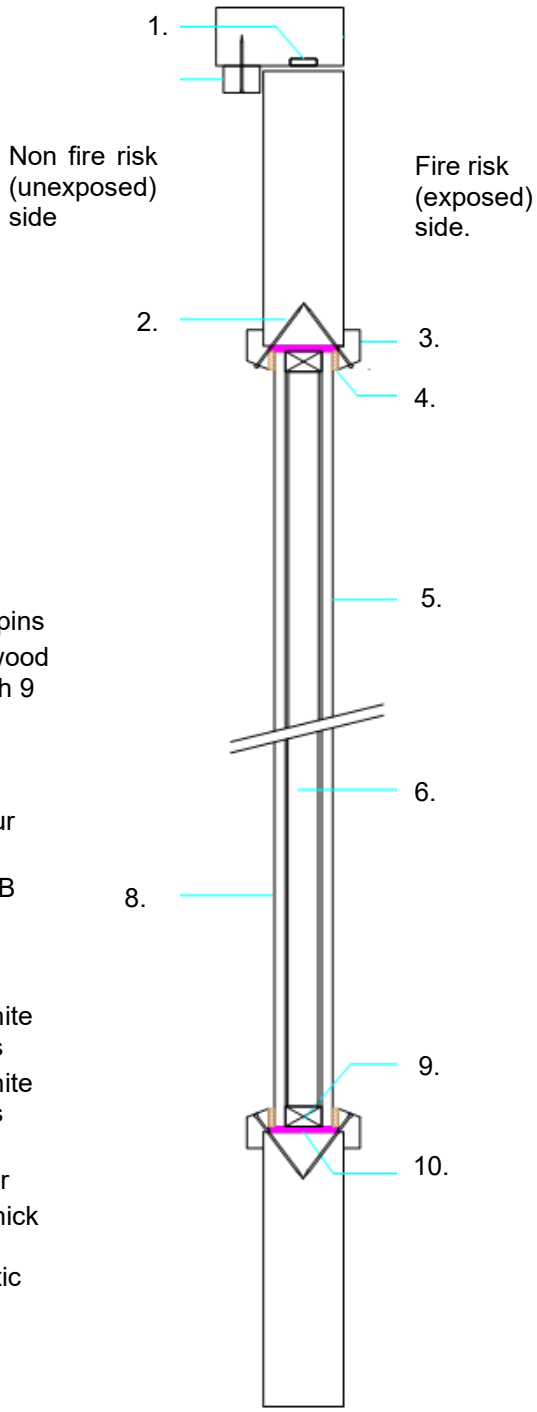
5.1 Vertical Sections of the Tested BGB Vision Panel Constructions

The drawings below show the essential elements and arrangement of the tested BGB Vision Panel detailed in section 4.6, above.

Option 1 – 4mm Optiwhite Toughened Glass Glass



Option 2 – 6mm Optiwhite Toughened



Key:

1. Perimeter intumescents
2. 60mm long steel pins
3. 20mm high hardwood glazing beads with 9 x 9mm bolection
4. Mann McGowan Pyroglaze 30
5. 7mm thick Pyrodur Glass
6. 12.5mm thick BGB magnetically operated internal blind
7. 4mm thick Optiwhite Toughened Glass
8. 6mm thick Optiwhite Toughened Glass
9. 20mm thick Aluminium Spacer
10. Nominally 3mm thick Norseal acrylic intumescent mastic between the Pyroglaze strips

Based on the test evidence WF403484 Revision A summarised in section 3.1, the specifications for the BGB vision panel assembly with timber beads detailed in the following table must be complied with.

Element		Product/Materials	Dimensions (mm)	Details
Glazing Beads	44 thick leaves	Hardwood timber with a minimum density of 640kg/m^3	20 high x 12 deep with a 9 x 9 bolection and 15º chamfer	Applied to all edges on both faces of the glazed unit
	54 thick leaves		20 high x 17 deep with a 9 x 9 bolection and 15º chamfer	
Bead Fixings		steel pins	60 long x 2 Ø	50mm from each corner at max 150mm centres and at 35º to the plane of the glass
Glazing System		Mann McGowan Pyroglaze	3 thick	Fitted between the glass and bead on both faces
Glazing aperture liner		Norseal Ltd Fire Wizard intumescent mastic	3 thick	Fitted lining the glazing aperture between the Pyroglaze 30 glazing system.
Intumescent		Norseal Acrylic intumescent mastic	3 thick	Fitted between the Pyroglaze strips
Expansion allowance		Non-combustible or hardwood setting blocks	3 - 4 thick	Fitted to all around the edges of the glazing unit
Maximum BGB unit dimensions		-	Height: 1800mm Width: 600mm Area: 0.93m^2	-

Notes:

1. Maximum BGB unit dimensions given in the table above are based on test evidence WF403484 Revision A.
2. Glazed apertures to accept the BGB unit must be a minimum of 290mm from the leaf head and 260mm from the vertical edges of the leaf.

6 Conclusion

This supplementary FoA report permits the use of the BGB vision panel system with the proprietary timber based doorset designs listed in section 3.2. Providing the BGB vision panel system and variations are fitted in accordance with the information provided in this supplementary FoA and all other details meet the requirements given in the relevant primary FoA for the doorset design (see section 3.2), it is the opinion of Warringtonfire that the resulting doorset design would provide a minimum of 30 minutes integrity performance if tested in accordance with BS476 Part 22: 1987.

7 Declaration by the Applicant

1) We the undersigned confirm that we have read and comply with obligations placed on us by the Passive Fire Protection Forum (PFPF) Guide to undertaking technical assessments and engineering evaluations based on fire test evidence 2021 Industry Standard Procedure.
2) We confirm that any changes to a component or element of structure which are the subject of this assessment have not to our knowledge been tested to the standard against which this assessment has been made.
3) We agree to withdraw this assessment from circulation should the component or element of structure, or any of its component parts be the subject of a failed fire resistance test to the standard against which this assessment is being made.
4) We understand that this assessment is based on test evidence and will be withdrawn should evidence become available that causes the conclusion to be questioned. In that case, we accept that new test evidence may be required.
5) We are not aware of any information that could affect the conclusions of this assessment. If we subsequently become aware of any such information, we agree to ask the assessing authority to withdraw the assessment.

(In accordance with the principles of FTSG Resolution No. 82: 2001)

Signed:

Name: Mark Nash

Position: Director

Date: 25-Sep-2025

For and on behalf of: **Between Glass Blinds Limited**

8 Limitations

The following limitations apply to this assessment:

1) This field of application addresses itself solely to the elements and subjects discussed and do not cover any other criteria or modifications. All other details not specifically referred to should remain as tested or assessed.
2) This field of application report is issued on the basis of test data and information to hand at the time of issue. If contradictory evidence becomes available to Warringtonfire, the assessment will be unconditionally withdrawn, and the applicant will be notified in writing. Similarly, the assessment evaluation is invalidated if the assessed construction is subsequently tested since actual test data is deemed to take precedence.
3) This field of application has been carried out in accordance with Fire Test Study Group Resolution No. 82: 2001.
4) Opinions and interpretation expressed herein are outside the scope of UKAS accreditation.
5) This field of application relates only to those aspects of design, materials and construction that influence the performance of the element(s) under fire resistance test conditions against the ISO 834 time/temperature curve that is stipulated in the standard this assessment concludes to. It does not purport to be a complete specification ensuring fitness for purpose and long-term serviceability. It is the responsibility of the client to ensure that the element conforms to recognised good practice in all other respects and that, with the incorporation of the guidance given in this field of application, the element is suitable for its intended purpose.
6) This field of application report represents our opinion as to the performance likely to be demonstrated on a test in accordance with BS 476: Part 22: 1987, on the basis of the test evidence referred to in this report. We express no opinion as to whether that evidence, and/or this field of application would be regarded by any Building Control authorities or any other third parties as sufficient for that or any other purpose.
7) This report may only be reproduced in full. Extracts or abridgements of reports shall not be published without permission of Warringtonfire. All work and services carried out by Warringtonfire Testing and Certification Limited are subject to, and conducted in accordance with, the Standard Terms and Conditions of Warringtonfire Testing and Certification Limited, which are available at https://www.element.com/terms/terms-and-conditions or upon request.
8) The version/revision stated on the front of this field of application supersedes all previous versions/revisions and must be used to manufacture doorsets from the stated validity date on this front cover. Previous revisions of the Field of Application cannot be used once an updated Field of Application has been issued under a new revision.

9 Validity

1) The assessment is initially valid for five years after which time it is recommended to be submitted to Warringtonfire for re-appraisal.
2) This assessment report is not valid unless it incorporates the declaration given in Section 7 duly signed by the applicant.

Position:	Assessor	Reviewer
Signature:	Signed by: DE15B987D373423...	Signed by: 43935C1A192A419...
Name:	A M Winning*	N Whitelock*
Title:	Senior Product Assessor	Technical Manager, Doors & Smoke Control

* For and on behalf of Warringtonfire

Appendix A: Revision

Rev.	WF Ref.	Date	Description
	WF413784	20th December 2019	Field of Application Report Between Glass Blinds Ltd BGB Vision Panels for Fire Resisting Timber Doorset Assemblies for 30 Minutes Fire Resistance.
A	551466	20th August 2025	5 year revalidation and format update. Report may not be used in support of QMark certification.

Certificate Of Completion

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Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

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If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact Element Materials Technology Ltd:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:
To contact us by email send messages to: info@warringtonfire.com

To advise Element Materials Technology Ltd of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at info@warringtonfire.com and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;

ii. send us an email to info@warringtonfire.com and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: https://support.docusign.com/guides/signer-guide-signing-system-requirements.

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

By selecting the check-box next to 'I agree to use electronic records and signatures', you confirm that:

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- Until or unless you notify Element Materials Technology Ltd as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Element Materials Technology Ltd during the course of your relationship with Element Materials Technology Ltd.