
CERTIFICATE OF APPROVAL
No CF 432

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

PREMDOR CROSBY LIMITED

Huddersfield Road, Darton, Barnsley, S75 5JS
Tel: 01226 383434 Fax: 01226 388808

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

CERTIFIED PRODUCT
PremGlaze 30 Glazing Systems

TECHNICAL SCHEDULE
**TS25 Fire Resistant Glass,
Glazing Systems and Materials**

**Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification**



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 26th September 2005
Reissued: 18th November 2016
Valid to: 17th November 2021

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PREMGLAZE 30 GLAZING SYSTEMS

This approval relates to the use of the PremGlaze 30 glazing systems in providing a fire resistance of 30 minutes integrity as defined in BS 476: Part 22.

This Certificate is designed specifically to demonstrate compliance of the products or systems with Approved Document B (England and Wales); Section D of the Technical Standards (Scotland; Technical Booklet E (N. Ireland). If compliance is required with other regulatory or guidance documents there may be additional considerations or conflicts to be taken into account.

These products are approved on the basis of:

- a) Initial type testing
- b) A design appraisal against a Technical Schedule (TS25)
- c) Inspection and surveillance of Factory Production Control
- d) Certification under a CERTIFIRE approved Quality Management System
- e) Audit testing in accordance with TS25

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

General Requirements

There is no restriction to the direction of exposure for the glazing methods i.e. the systems are symmetrical.

Any number of panes may be included in the door leaves providing the door leaf is capable of supporting this principle and the maximum area of glazing per aperture and total area of glazing per leaf do not exceed the maximums stated within the relevant door assembly CERTIFIRE data sheet.

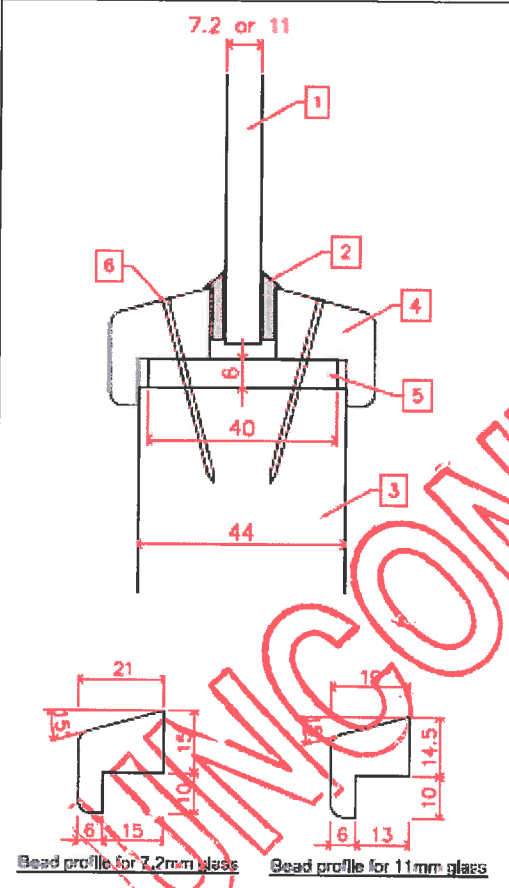
Production

This approval relates to ongoing 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.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION ONE

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	7.2 mm Pyroguard C & W or 11 mm Pyroguard C
	2	Lorient Polyproducts Ltd. Flexible Figure 1
	3	Any CERTIFIRE approved nominally 44 mm thick door approved PD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	MDF or hardwood glazing beads 25 mm high by 21 mm wide (minimum) for 7.2 mm Pyroguard and 24 mm high by 19 mm (minimum) for 11 mm Pyroguard including 10 mm high by 6 mm wide bolection with 10 - 15° chamfer, minimum density 750 kg/m ³ (MDF) or 650 kg/m ³ (hardwood).
	5	Rectilinear Apertures: 6mm Hardwood liner all round Shaped Head Apertures: 6mm Hardwood liner vertical and bottom edge with a 6mm Plywood liner to head (comprising two layers of 3mm ply, stapled at 50mm maximum centres)
	6	Fixed with 40 mm long steel pins or screws at maximum 150 mm centres, fixed perpendicular to the bead splay and nominally 50 mm from each corner.

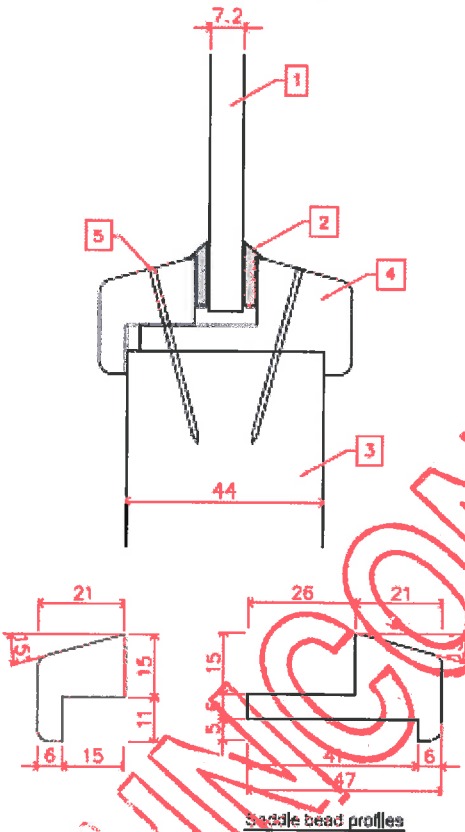
The glazing may incorporate either a square or curved top edge detail.

PremGlaze 30 - Option one, relates to the use of Figure 1 glazing system with 7.2 mm Pyroguard C & W or 11 mm Pyroguard C glass as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION TWO

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	7.2 mm Pyroguard C & W or 11 mm Pyroguard C
	2	Lorient Polyproducts Ltd. Flexible Figure 1
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	MDF or hardwood glazing beads 26 mm high by 21 mm wide (minimum) for 7.2 mm Pyroguard and 26 mm high by 19 mm (minimum) for 11 mm Pyroguard including 10 mm high by 6 mm wide bolection with 10 - 15° chamfer, minimum density 750 kg/m ³ (MDF) or 650 kg/m ³ (hardwood).
	5	Fixed with 40 mm long steel pins or screws at maximum 150 mm centres, fixed perpendicular to the bead splay and nominally 50 mm from each corner.

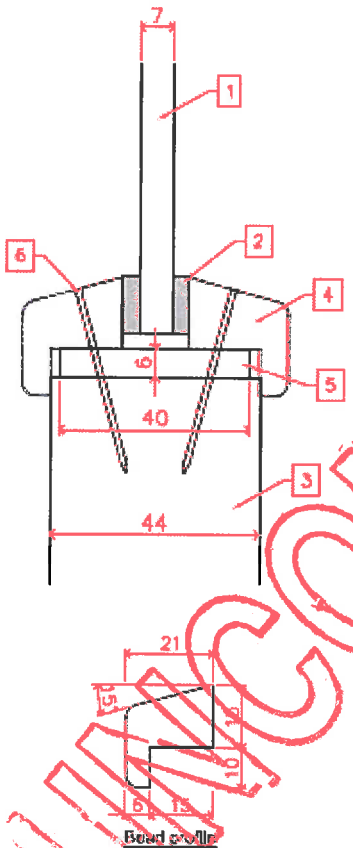
The glazing may incorporate a square top edge detail.

PremGlaze 30 - Option two, relates to the use of Figure 1 glazing system with 7.2 mm Pyroguard C & W or 11 mm Pyroguard C glass as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION THREE

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	Pyrosec 7/30 or 7/30 EG
	2	12 mm wide by 5 mm thick closed cell foam tape
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	25 mm high by 21 mm wide (including 10 mm high by 6 mm wide bolection with 15° chamfer) hardwood or MDF glazing beads, minimum density 640 kg/m ³
	5	Rectilinear Apertures: 6mm Hardwood liner all round Shaped Head Apertures: 6mm Hardwood liner vertical and bottom edge with a 6mm Plywood liner to head (comprising two layers of 3mm ply, stapled at 50mm maximum centres)
	6	50 mm long steel screws or 40 mm long steel pins at maximum 150 mm centres fixed perpendicular to the bead splay and nominally 50 mm from each corner.

The glazing may incorporate either a square or curved top edge detail.

PremGlaze 30 - Option three, relates to the use of closed cell foam tape with Pyrosec 7/30 or 7/30 EG glass as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.



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PREMGLAZE 30 GLAZING SYSTEMS – OPTION FOUR

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	Pyrobelite 7 or 7EG
	2	12 mm wide by 5 mm thick Technibond RHTXBCF3 closed cell foam tape
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	25 mm high by 21 mm wide (including 10 mm high by 6 mm wide bolection with 15° chamfer) hardwood or MDF glazing beads, minimum density 640 kg/m ³
	5	Rectilinear Apertures: 6mm Hardwood liner all round Shaped Head Apertures: 6mm Hardwood liner vertical and bottom edge with a 6mm Plywood liner to head (comprising two layers of 3mm ply, stapled at 50mm maximum centres)
	6	50 mm long steel screws or 40 mm long steel pins at maximum 150 mm centres fixed perpendicular to the bead splay and nominally 50 mm from each corner.

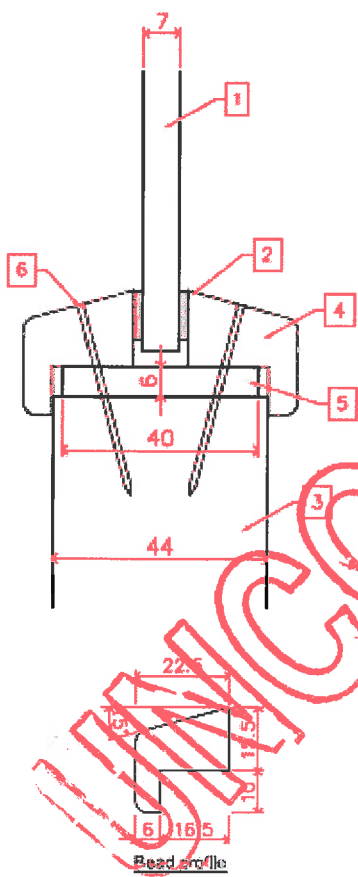
The glazing may incorporate either a square or curved top edge detail.

PremGlaze 30 - Option four, relates to the use of closed cell foam tape with Pyrobelite 7 or 7EG glass as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION FIVE

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	7 mm Pyrostem wired glass
	2	Therm-A-Glaze 45
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	25.5 mm high by 22.5 mm wide (including 10 mm high by 6 mm wide bolection with 15° chamfer) hardwood or MDF glazing beads, minimum density 640 kg/m ³
	5	Rectilinear Apertures: 6mm Hardwood liner all round Shaped Head Apertures: 6mm Hardwood liner vertical and bottom edge with a 6mm Plywood liner to head (comprising two layers of 3mm ply, stapled at 50mm maximum centres)
	6	50 mm long steel screws or 40 mm long steel pins at maximum 150 mm centres fixed perpendicular to the bead splay and nominally 50 mm from each corner.

The glazing may incorporate either a square or curved top edge detail.

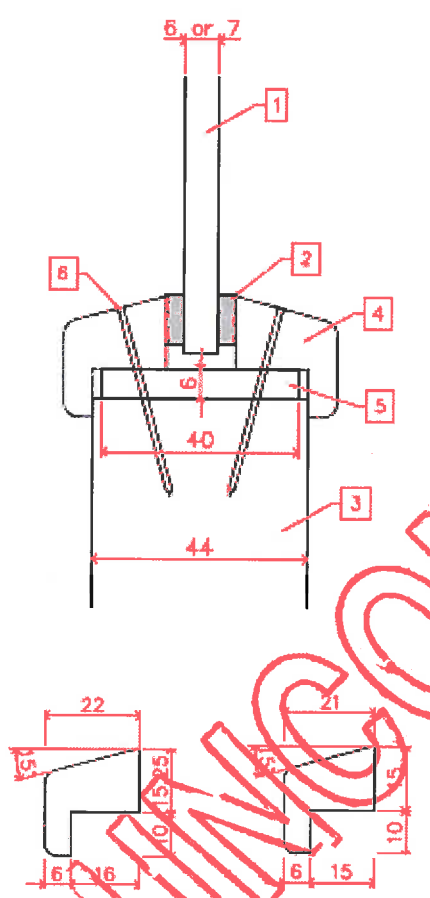
The doorset shall be CERTIFIRE approved or have test evidence for the inclusion of apertures of the proposed dimensions.

PremGlaze 30 - Option five, relates to the use of Therm-A-Glaze 45 with 7 mm Pyrostem glass as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION SIX

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

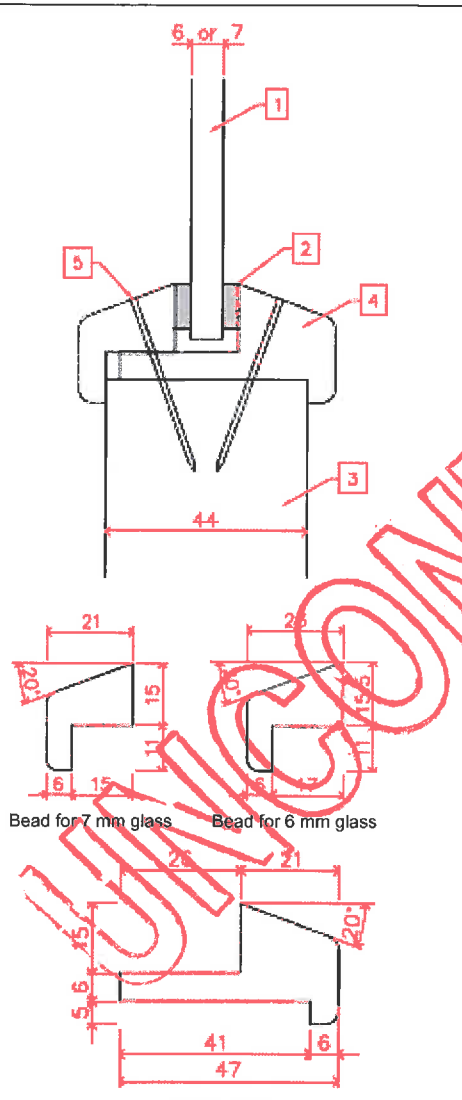
 <p>MDF bead for 6 mm glass MDF bead for 7 mm glass</p>	1	Glass (see Tables 1 for type and allowable dimensions)
	2	Sealmaster Intumescent Foam Glazing Tape
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	25 mm high by 21 mm wide nominal (including 10 mm high by 6 mm wide bolection) hardwood, softwood or MDF glazing beads <ul style="list-style-type: none"> Softwood: min. density 510kg/m³, 20° chamfer Hardwood: min. density 620kg/m³, 20° chamfer MDF: min. density 700kg/m³, 15° chamfer
	5	Rectilinear Apertures: 6mm Hardwood liner all round Shaped Head Apertures: 6mm Hardwood liner vertical and bottom edge with a 6mm Plywood liner to head (comprising two layers of 3mm ply, stapled at 50mm maximum centres)
	6	Ø1.6 x 40mm / Ø2mm x 50 mm long steel pins or No. 8 x 40/50 mm long screws at max. 150 mm centres fixed perpendicular to the bead splay and 50mm from each corner. <ul style="list-style-type: none"> 15 mm beads use 40 mm pins/screws, 20 mm beads use 50 mm pins/screws Bolection – 5mm x 5mm minimum.

PremGlaze 30 - Option six, relates to the use of the Sealmaster Intumescent Foam Glazing Tape with a wide range of uninsulated glasses as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.

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PREMGLAZE 30 GLAZING SYSTEMS – OPTION SEVEN

The glass shall be glazed within a previously fire tested or CERTIFIRE approved timber based doorset utilising the following basic specification:

	1	Glass (see Tables 1 for type and allowable dimensions)
	2	Sealmaster Intumescent Foam Glazing Tape
	3	Any CERTIFIRE approved nominally 44 mm thick door approved FD30 leaf or a door with test evidence for the inclusion of apertures of the proposed dimensions
	4	26 mm high by 21 mm wide nominal (including 11 mm high by 6 mm wide bolection) hardwood, softwood or MDF glazing beads <ul style="list-style-type: none"> • Softwood: min. density 510kg/m³, 20° chamfer • Hardwood: min. density 620kg/m³, 20° chamfer
	5	Ø1.6 x 40mm / Ø2mm x 50 mm long steel pins or No. 8 x 40/50 mm long screws at max. 150 mm centres fixed perpendicular to the bead splay and 50mm from each corner. <ul style="list-style-type: none"> • 15 mm beads use 40 mm pins/screws, • 20 mm beads use 50 mm pins/screws • Bolection – 5mm x 5mm minimum.

PremGlaze 30 - Option seven, relates to the use of the Sealmaster Intumescent Foam Glazing Tape with a wide range of uninsulated glasses as shown in Table 1. The aspect ratio of the glass may be unlimited within these aperture dimensions.



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PREMGLAZE 30 GLAZING SYSTEMS –TABLE 1 – UNINSULATED GLASS

This Certificate of Approval relates to non-insulated glass as detailed in Table 1 below, when used in conjunction with the system specified. Maximum pane dimensions are also subject to the limitations given.

Glazing System	Glass	Max. Glass Height (mm)	Max. Glass Width (mm)	Max. Glass Area (m ²)
Lorient Figure 1	7.2 mm Pyroguard Clear or Wired	1234 mm (at 581 mm wide)	656 mm (at 1096 mm high)	0.72
Lorient Figure 1	11 mm Pyroguard Clear	1780 mm (at 665 mm wide)	711 mm (at 1664 mm high)	1.18
12 mm by 5 mm thick ceramic fibre glazing tape or closed cell foam tape with optional silicon capping	7 mm Pyrosec 7/30 (Pinned hardwood beads)	1410 (at 220 mm wide)	225 (at 1378 mm high)	0.31
		914 (at 503 mm wide)	508 (at 906 mm high)	0.46
		1500 (at 150 mm wide)	150 (at 1500 mm high)	0.23
12 mm by 5 mm thick ceramic fibre glazing tape or closed cell foam tape with optional silicon capping	7 mm Pyrobelite 7 or 7EG	1719 (at 707 mm wide)	707 (at 1719 mm high)	1.215
		1400 (at 1029 mm wide)	1032 (at 1395 mm high)	1.44
Therm-A-Glaze 45	7 mm Pyrostem	1980 mm (at 706 mm wide)	818 mm (at 1707 mm high)	1.40
Sealmaster intumescent foam glazing tape 20 mm by 5 mm thick	7 mm Pyrostem, 7 mm Pyroshield 2 or Pyran S (6, 8, 10 & 12 mm thick) (20 mm high bead required)	2135 (at 712 mm wide)	828 mm (at 1836 mm high)	1.52
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	7 mm Pyrostem, 7 mm Pyroshield 2 or Pyran S (6, 8, 10 & 12 mm thick) (15 mm high bead required)	1829 (at 709 mm wide)	709 mm (at 1829 mm high)	1.30
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	7 mm Pyroguard EW30 IMPACT (15 mm high bead required)	1680 (at 506 mm wide)	610 (at 1393 mm high)	0.85
		1846* (at 709 mm wide)	760* (at 1724 mm high)	1.31*

Table 1

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PREMGLAZE 30 GLAZING SYSTEMS –TABLE 1– UNINSULATED GLASS CONTINUED.

Sealmaster intumescent foam glazing tape 15 mm by 5 mm thick	6 mm Pyroclear (15 mm high bead required)	2000 (at 400 mm wide)	500 (at 1600 mm high)	0.80
		1079 (at 639 mm wide)	741 (at 931 mm high)	0.69
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	7 mm Pyrodur Plus (15 mm high bead required)	2135 (at 712 mm wide)	828 (at 1836 mm high)	1.52
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	10 mm Pyrodur 30-201 (15 mm high bead required)	1073 (at 634 mm wide)	737 (at 923 mm high)	0.68
Sealmaster intumescent foam glazing tape 15 mm by 5 mm thick	6 mm Pyroswiss (15 mm high bead required)	2125 (at 508 mm wide)	638 (at 1693 mm high)	1.08
Sealmaster intumescent foam glazing tape 15 mm by 5 mm thick	6 mm Pyrotech 630 (15 mm high bead required)	1875 (at 251 mm wide)	313 (1502 mm high)	0.47
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	7.9 mm Pyrobelite 7 & 11 mm Pyrobelite 10 (15 mm high bead required)	2300* (at 890 mm wide)	890* (at 2300 mm high)	2.05
		1400 (at 1029 mm wide)	1032 (at 1395 mm high)	1.44
Sealmaster intumescent foam glazing tape 15 mm by 5 mm thick	7 mm Firesafe 30-7, 9 mm Firesafe 30-9 2B2 and 11 mm Firesafe 60-11 (15 mm high bead required)	2135 (at 712 mm wide)	828 (at 1836 mm high)	1.52
		1632 (at 800 mm wide)	800 (at 1632 mm high)	1.31
		1632 (at 800 mm wide)	800 (at 1632 mm high)	1.31
Sealmaster intumescent foam glazing tape 10 mm by 5 mm thick	7 mm Pyrosec 7/30 (15 mm high bead required)	2300* (at 890 mm wide)	890* (at 2300 mm high)	2.05
		1400 (at 1029 mm wide)	1032 (at 1395 mm high)	1.44

Table 1 - Continued

***hardwood beads only (min. density 620 kg/m³)**

There is no restriction to the direction of exposure for the glazing methods i.e. the systems are symmetrical.

Any number of panes may be included in the door leaves providing the door leaf is capable of supporting this principle and the maximum area of glazing per aperture and total area of glazing per leaf do not exceed the maximums stated within the relevant door assembly data sheet.

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