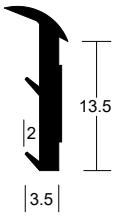
FIRE RESISTANT GLAZING SYSTEMS

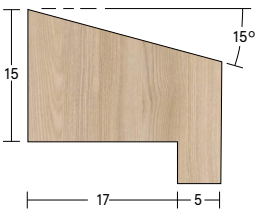
FF1

BEAD APPLIED SYSTEM

FF1 (Flexible Figure 1) is designed for use with glazed apertures in 30 minute fire resistant doors. Comprises a pair of bead applied intumescent strips. Featuring a unique design which enables tolerances between door, bead and glass thickness's to be accommodated. Tested with many popular glass types.



FF1



Glazing bead
For 44mm thick doors.



Note: Hardwood or softwood beads are available (min density 550kg/m³). Bead dimension could vary depending on glass type and door thickness.

SYSTEM SPECIFICATIONS

Test evidence
- Fire: BS 476-22:1987.

Performance
- Provides 30 minutes fire resistance.

Size
- 13.5mm x 3.5mm.

Standard lengths
- 50m coils. 5 coils per box.

Minimum order quantity
- 1 box (250m).
- White and light brown (500m).

Seal material
- Intumescent graphite.

Profile
- Available with or without decorative top cap.

Finish
- Black as standard.
- White and light brown are subject to MOQs.

Glass thickness
- Suitable for use with a variety of 5mm – 7.2mm fire rated glass types.

Glass type
- Please refer to Certifire certificate CF327 for the full range of glass types.

Application
- FD30 timber fire doors.

Fixing
- FF1 is a two-strip system for use with glazed apertures in doors only. A strip must be fitted on both sides of the glass.

Sodium silicate intumescent liner
- For flaxcore doors, use with a 6mm hardwood liner (min density 640 kg/m³), intumescent liner LX4402, or saddle bead (min density 640 kg/m³).

Glazing beads
- Glazing beads are required on both sides of the glass.
- Beads may be either hardwood or softwood and a min density 550kg/m³.
- MDF beads with a min density 750kg/m³ may be utilised with Pyroguard C/W glass.
- Fixing of beads: The system may be used with either 40mm long pins or screws at maximum 150mm fixing centres.

Certification
certifire (CF327)

NBS Source PARTNER

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ASSA ABLOY

FF1

CERTIFIRE APPROVED APPLICATIONS: 30 MINUTE TIMBER FIRE DOORS

Certifire CF327 Certificate of Approval relates to the following glasses when used in conjunction with FF1 glazing system at the maximum sizes shown below:

Protection Integrity / Insulation (minutes)	Glass types	Max. pane height	Max. pane width	Max. pane area	Doors			Screens		
30/0	5mm FireLite	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	6mm Pyran-S®	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	6mm Pyroshield® Safety	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	6mm Pyrotech™ 630	1750mm (at 450mm wide)	560mm (at 1400mm high)	0.78m²	✓	✓	✓			
30/0	7mm Pyrostem® 2	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	7mm Pyrobelite®	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	7mm Pyrodur® Plus	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
30/0	7.2mm Pyroguard® C730	875mm (at 750mm wide)	750mm (at 875mm high)	0.66m²	✓	✓	✓			
		1236mm (at 570mm wide)	750mm (at 940mm high)	0.71m²	✓	✓	✓			

Note: CF327 relates to timber based door leaf constructions consisting of timber faces coupled with timber or other cellulosic cores of not less than 40mm overall leaf thickness. A secondary Palusol based intumescent is required to be used as a lining around the perimeter of apertures cut within flaxboard substrates.

The maximum glass sizes shown relate to our test evidence. However, the test evidence for the door leaf being used will show the maximum glass size possible, and this may be smaller than the dimensions given in this brochure. The shape and number of apertures will be dependant on the door manufacturers test evidence.

Please always refer to the test evidence for the door leaf being used, and in case of any query please contact our Technical Services team on 01626 834252.

certifire
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