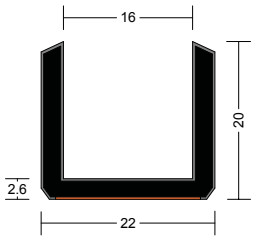
FIRE RESISTANT GLAZING SYSTEMS

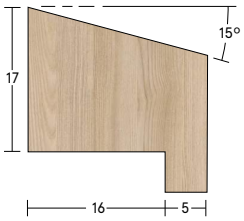
SYSTEM-36/15 PLUS

U-SHAPED GASKET

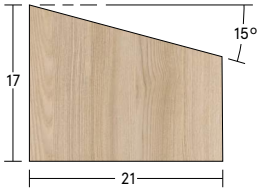
System-36/15 PLUS is a flexible U-shaped glazing gasket designed for 60 minutes fire resistance in doors and screens. Tested with many popular glass types. Supplied coiled in a box so it's easily dispensed and cut to length, reducing wastage.



SYSTEM-36/15 PLUS



Glazing bead
For 54mm thick doors or rebated screen frames. Timber bead for 44mm thick FD30 doors also available



Glazing bead
For unrebated screen frames.

SYSTEM SPECIFICATIONS

Test evidence
- Fire: BS EN 1634-1:2014.
- Fire: BS 476-22:1987.

Performance
- Provides 60 minutes fire resistance.

Size
- 22mm x 20mm.

Standard lengths
- 30m coils.

Seal material
- Intumescent graphite.

Finish
- Black with orange identification spine.

Glass thickness
- Suitable for use with 15mm - 16mm fire rated glass.

Glass type
- Please refer to Certifire certificate CF5060 for the full range of glass types.

Application
- FD30 and FD60 timber fire doors and timber framed screens for 30 or 60 minutes integrity and 30 minutes insulation.

Sodium silicate intumescent liner
- Liner is required for flaxboard substrates below 500kg/m^3.

Glazing beads
- Glazing beads are required on both sides of the glass.
- **Timber doors:** Softwood or hardwood retaining beads shall be of a min density 550kg/m^3. Variations in retaining bead profile are allowable using alternative timber species of min density 550kg/m^3, including oak, beech, ramin, columbian pine and utile (subject to min density). The bead height shall be exactly 17mm, the bead width shall be a min of 16mm.
- **Timber screens:** Hardwood retaining beads shall be of a min density 550kg/m^3. Variations in retaining bead profile are allowable using alternative timber species of min density 550kg/m^3,including oak, beech, ramin and utile (subject to min density). The bead height shaall be exactly 17mm, the bead width shall be a min of 21mm.

Certification

certifire
(CF5060)

NBS Source
PARTNER

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ASSA ABLOY

FIRE RESISTANT GLAZING SYSTEMS

SYSTEM-36/15 PLUS

CERTIFIRE APPROVED APPLICATIONS: 30 + 60 MINUTE TIMBER FIRE DOORS + TIMBER SCREENS

Certifire CF5060 Certificate of Approval relates to the following glasses when used in conjunction with Lorient System-36/15 PLUS 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	
30/30	15mm Pyrostop®	1790mm (at 620mm wide)	630mm (at 1760mm high)	1.11m²	✓	✓	✓			
30/30	15mm Pyroguard® Rapide Plus	1800mm (at 600mm wide)	600mm (at 1800mm high)	1.08m²	✓	✓	✓			
30/30	15mm Pyranova® 30 S3.0	1875mm (at 500m wide)	625mm (at 1500mm high)	0.94m²	✓	✓	✓			
30/30	17.3mm Pyrobel® 16	1800mm (at 600mm wide)	600mm (at 1800mm high)	1.08m²	✓	✓	✓			
60/30	15mm Pyrostop®	1790mm (at 620mm wide)	630mm (at 1760mm high)	1.11m²	✓	✓	✓			
60/30	15mm Pyranova® 30 S3.0	1830mm (at 500mm wide)	610mm (at 1500mm high)	0.92m²	✓	✓	✓			
60/30	17.3mm Pyrobel® 16	1800mm (at 600mm wide)	600mm (at 1800mm high)	1.08m²	✓	✓	✓			
30/30	15mm Pyrostop®	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
30/30	15mm Pyranova® 30 S2.0	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
30/30	15mm Pyroguard® Rapide Plus	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
30/30	17.3mm Pyrobel® 16	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
60/30	15mm Pyrostop®	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
60/30	17.3mm Pyrobel® 16	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓

Note: CF5060 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.

For timber framed screens or partitions for periods of 30 minutes integrity and 30 minutes insulation, frame members to be of minimum cross-section 44mm x 94mm in softwood of not less than 520 kg/m³. Softwood of lower density less than 520 kg/m³ should not be used. Where alternative timbers are required, other timbers of the same density or higher may be used at the same section size. Softwood or hardwood retaining beads shall be of a minimum density 550 kg/m³.

For timber framed screens or partitions for periods of 60 minutes integrity and 30 minutes insulation, frame members to be of minimum cross-section 44mm x 94mm in hardwood of 550 kg/m³. Lower density timber should not be used. Where alternative timbers are required, other timbers of the same density or higher may be used, excluding Ash, at the same section size. Hardwood retaining beads shall be of a minimum density 550 kg/m³.

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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