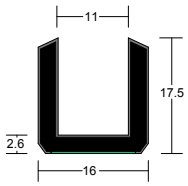
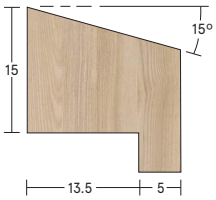
SYSTEM-36/10 PLUS

U-SHAPED GASKET

System-36/10 PLUS is a flexible U-shaped glazing gasket designed for 30 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-36/10 PLUS



Glazing bead
For 44mm thick doors or rebated screen frames.



Glazing bead
For unrebated screen frames.



SYSTEM SPECIFICATIONS

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

Performance
- Provides 30 minutes fire resistance.

Size
- 16mm x 17.5mm.

Standard lengths
- 30m coils.

Minimum order quantity
- 30m coil.

Seal material
- Intumescent graphite.

Finish
- Black with green identification spine.

Glass thickness
- Suitable for use with 10mm - 11mm fire rated glass.

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

Application
- FD30 timber fire doors and timber framed screens for 30 minutes integrity.

Sodium silicate intumescent liner
- 2mm sodium silicate liner is required for flaxboard substrates below 500kg/m^3.
- 44mm x 2mm.

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 15mm, the bead width shall be a min of 18.5mm.
- **Timber screens:** Softwood or hardwood retaining beads shall be of a min density 550kg/m^3. Variations in retaining bead profile are allowable with or without bolection detail and 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 shaall be exactly 15mm, the bead width shall be a min of 21mm.

Certification
certifire
(CF5060)

LORIENT
ASSA ABLOY

SYSTEM-36/10 PLUS

CERTIFIRE APPROVED APPLICATIONS: 30 MINUTE TIMBER FIRE DOORS + SCREENS

Certifire CF5060 Certificate of Approval relates to the following glasses when used in conjunction with Lorient System-36/10 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	
30/0	10mm Pyran-S®	1482mm (at 450mm wide)	580mm (at 1180mm high)	0.688m²	✓	✓	✓			
30/0	10mm Pyrodur®	1800mm (at 600mm wide)	600mm (at 1800mm high)	1.08m²	✓	✓	✓			
30/0	11mm Pyroguard® Rapide	1353mm (at 700mm wide)	870mm (at 1100mm high)	0.95m²	✓	✓	✓			
30/0	11mm Pyranova® 15 S2.0	1800mm (at 600mm wide)	600mm (at 1800mm high)	1.08m²	✓	✓	✓			
30/0	10mm Pyrodur®	2000mm (at 950mm wide)	1378mm (at 1350mm high)	1.90m²					✓	✓
30/0	10mm Pyran-S®	2530mm (at 920mm wide)	1019mm (at 2300mm high)	2.34m²					✓	✓
30/0	11mm Pyroguard® Rapide	2300mm (at 926mm wide)	926mm (at 2300mm high)	2.13m²					✓	✓

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 screens or partitions, 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.

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
(CF5060)