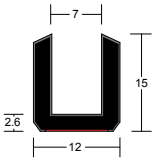
# SYSTEM-36/6 PLUS

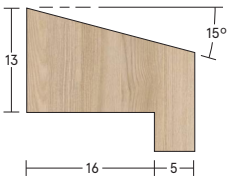
## U-SHAPED GASKET

System-36/6 PLUS is a flexible U-shaped glazing gasket designed for 30 minutes fire resistance in doors and screens. Flexible enough to be fitted to curved corners and circular vision panels. Tested with many popular glass types. Supplied coiled in a box so it's easily dispensed and cut to length, reducing wastage.






SYSTEM-36/6 PLUS




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




**Glazing bead**
For unrebated screen frames.



## SYSTEM SPECIFICATIONS

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

### Performance
- Provides 30 minutes fire resistance.

### Size
- 12mm x 15mm.

### Standard lengths
- 60m coils.

### Minimum order quantity
- 60m coil.

### Seal material
- Intumescent graphite.

### Finish
- Black with red identification spine.

### Glass thickness
- Suitable for use with 6mm - 7mm 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:** Hardwood retaining beads shall be of a min density 600kg/m$^3$. Variations in retaining bead profile are allowable with or without bolection detail and using alternative timber species of min density 600kg/m$^3$.
- **Timber screens:** Hardwood retaining beads shall be of a min density 640kg/m$^3$. Variations in retaining bead profile are allowable with or without bolection detail and using alternative timber species of min density 640kg/m$^3$, providing they fall within the 'other variations' section of CF5688.
- Where shaped apertures are used, only finger jointed glazing beads are acceptable.

### Certification
certifire
(CF5060)



LORIENT
ASSA ABLOY

# SYSTEM-36/6 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-36/6 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 | 5mm FireLite | 1482mm (at 460mm wide) | 580mm (at 1180mm high) | 0.688m² | ✓ | ✓ | ✓ | ✓ | | |
| 30/0 | 6mm Pyrotuf® | 1300mm (at 460mm wide) | 506mm (at 1180mm high) | 0.598m² | ✓ | ✓ | ✓ | ✓ | | |
| 30/0 | 6mm Pyran-S® | 1482mm (at 460mm wide) | 580mm (at 1180mm high) | 0.688m² | ✓ | ✓ | ✓ | ✓ | | |
| 30/0 | 6mm Pyrocet® | 1482mm (at 460mm wide) | 580mm (at 1180mm high) | 0.688m² | ✓ | ✓ | ✓ | ✓ | | |
| 30/0 | 7mm Pyroshield® 2 | 1482mm (at 460mm wide) | 580mm (at 1180mm high) | 0.688m² | ✓ | ✓ | ✓ | ✓ | | |
| 30/0 | 5mm FireLite | 2530mm (at 910mm wide) | 1019mm (at 2200mm high) | 2.34m² | | | | | ✓ | ✓ |
| 30/0 | 6mm Pyrocet® | 1732mm (at 660mm wide) | 829mm (at 1350mm high) | 1.15m² | | | | | ✓ | ✓ |
| 30/0 | 7mm Pyroshield® 2 | 2530mm (at 910mm wide) | 1019mm (at 2200mm high) | 2.34m² | | | | | ✓ | ✓ |
| 30/0 | 6mm Pyran-S® | 2530mm (at 910mm wide) | 1019mm (at 2200mm high) | 2.34m² | | | | | ✓ | ✓ |

When using System-36/6 PLUS the profiles shown below have been deemed acceptable by Exova Warringtonfire:




**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 45mm x 70mm in either hardwood or softwood of not less than 520 kg/m³. Hardwood beads to be used for System-36/6 PLUS and System-36/7 PLUS (min density 640kg/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)