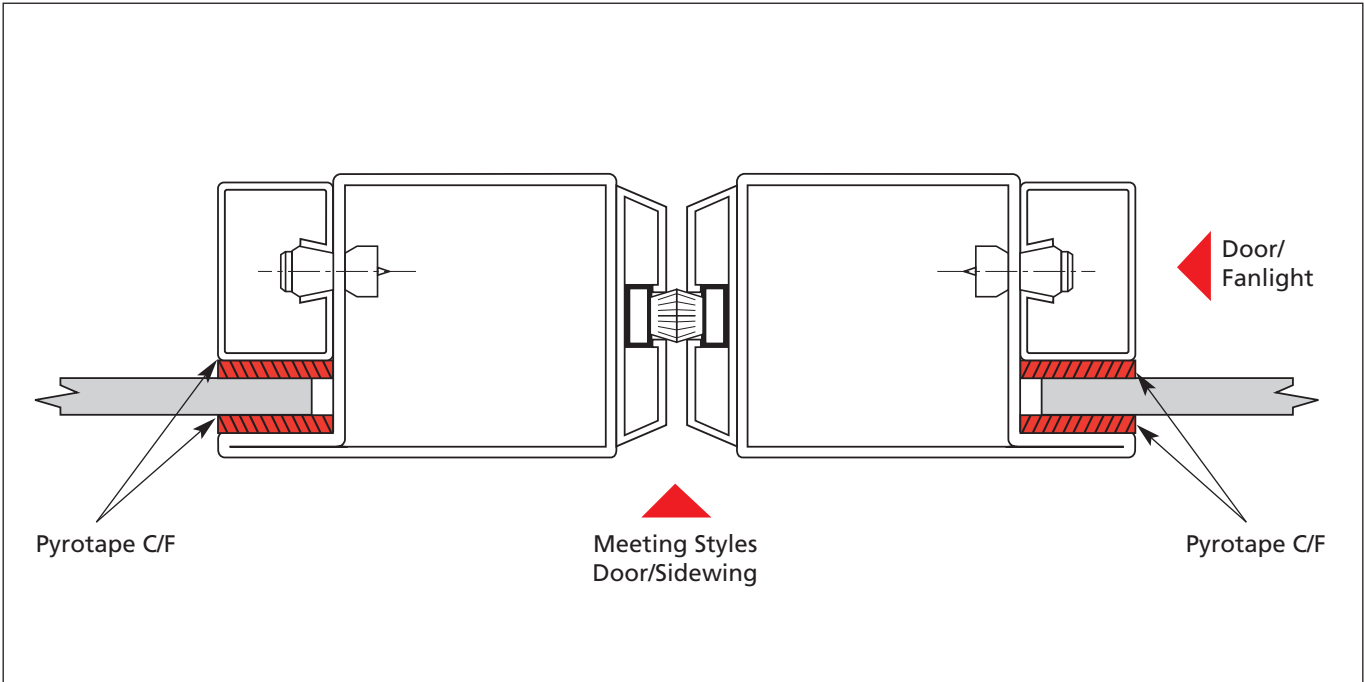


Pyrotape®

FIRE RESISTANT GLAZING SEALS FOR METAL BASED SYSTEMS

| | | | |
|---------------|-------|-----|------|
| CI/SfB | 31.39 | Yt4 | (K2) |
| February 2004 | | | |

DATA SHEET - PYROTAPE®



Introduction

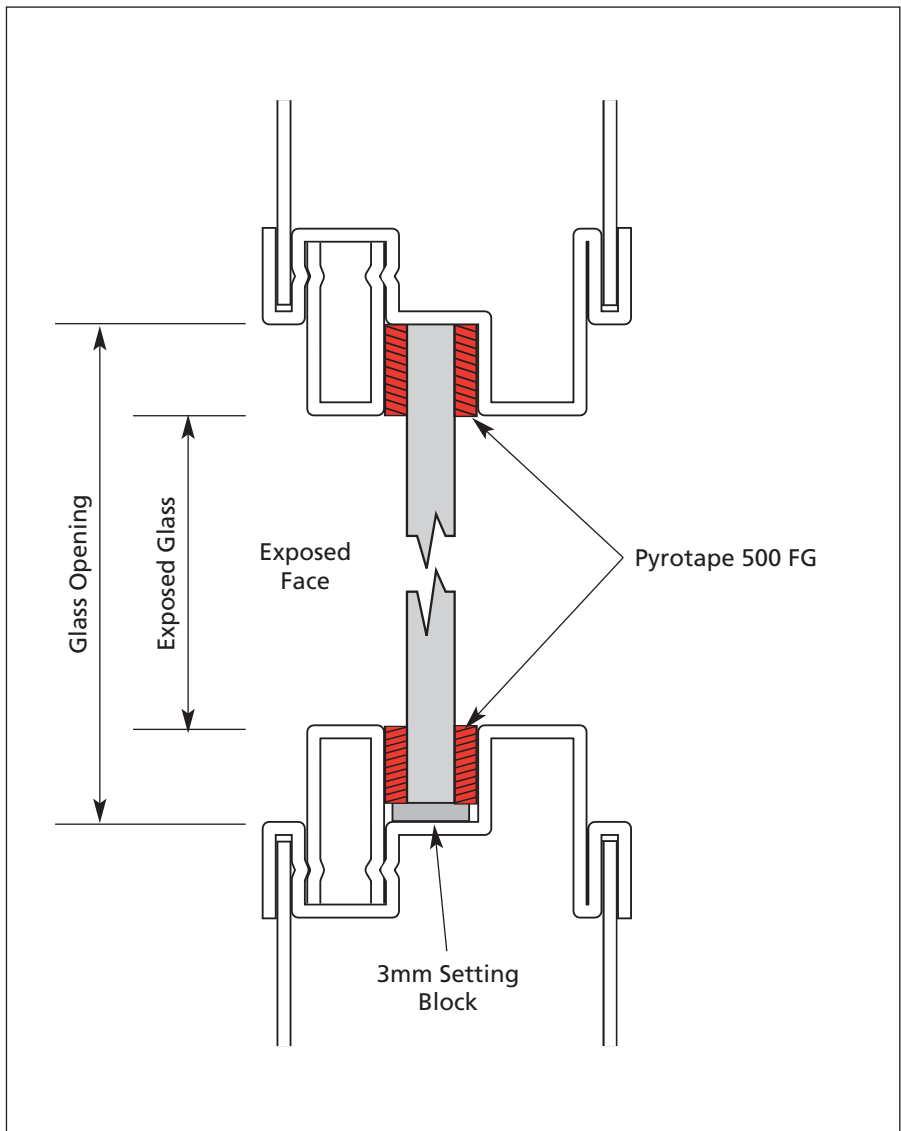
This data sheet provides guidance in the specification and use of Pyrotape glazing seals when used in conjunction with fire resistant glass into metal based glazed screens and doors.

This range of seals is easy to use and require no cleaning down after installation. All seals are supplied with a non-ageing acrylic based self adhesive backing on 1 face.

Description

The Pyrotape range is based on using 2 different chemical technologies. Pyrotape CF is an ablative material based on ceramic fibre paper which can be subjected to high temperatures, but maintain its density and tensile strength. Pyrotape FG is a complex blend of chemicals and binders which form a high performance intumescent seal, which swells in the event of a fire.

Both products are supplied in roll form.



Performance

Pyrotape glaze-tapes have been successfully fire tested and assessed in accordance with BS 476 Part 22 1987.

| Report No. | Product/Description | Glass | Maximum Size (mm) | Performance (Mins) |
|------------|---|----------|-------------------|--------------------|
| 63329 | Pyrotape C/F 20 x 6 Jansen Steel Frames | Pyran S | 2300 x 1200 | 126 integrity |
| 95118 | Pyrotape C/F 20 x 3 Multi-pane Steel Screens | Pyran S | 2655 x 1243 | 60 integrity |
| CC93961A | Pyrotape FG 15 x 2 Glazed steel door-set | Firelite | 787 x 248 | 245 integrity |

Physical Properties

| | Pyrotape CF | Pyrotape FG |
|-----------------------|------------------------|------------------------|
| Colour | White | Charcoal Grey |
| Standard Sizes | 15mm x 3mm x 15 metres | 10mm x 2mm x 10 metres |
| | 20mm x 3mm x 15 metres | 15mm x 2mm x 10 metres |
| | 15mm x 5mm x 10 metres | 20mm x 2mm x 10 metres |
| | 20mm x 5mm x 10 metres | 25mm x 2mm x 10 metres |
| | 20mm x 6mm x 10 metres | 30mm x 2mm x 10 metres |

Technical Services

Mann McGowan can offer advice on the specification and installation of our Pyrotape range of glazing seals. We are also a RIBA CPD seminar provider.

For further information, please contact our Technical Department.

Non standard sizes are available on request, which includes slitting products to specific widths.

Specification Clauses NBS L40

250 BEAD FIXED SINGLE GLAZING

Drawing reference:

Pane material: *Specify glass required*

Surround/bead: *Steel beads as fire tested/assessed*

Preparation: *Ensure clean, dry and free of grease and friable materials*

Bead fixing: *As fire tested/assessed*

Beads fixed on:

Glazing system:.....

Tape: *Pyrotape C/F* or Pyrotape FG*

*delete as required

Capping sealant: *Fire Resisting Sealant in accordance with BS 476 Part 22 1987*

Apply tape of sufficient thickness to both sides of the glass.

Special care must be taken when peeling the self adhesive backing tape from the Pyrotape to ensure the product does not suffer damage.

Butt joint the Pyrotape at the corners leaving no gaps. If capping sealant is required, finish approximately 3mm short of the sight line to receive capping sealant.

Locate glazing centrally in the surround using setting and location blocks"

All information, specifications and illustrations contained in this literature is given as guidance only and does not form part of any contract.

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Certificate No: 93/2172 FIRAS MEMBER

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