

PYROGLAZE 30 INTUMESCENT GLAZING SEAL

MANN McGOWAN

Intumescent Fire Smoke & Acoustic Seals



Pyroglaze 30 seals are self-adhesive, pvc encapsulated strips of intumescent and provide proven 30 minute protection for glazed doors, screens and partitions. In the event of fire, the intumescent swells to form a seal within the glazing pocket and also reduces the risk of premature ignition of the glazing beads on the protected face.

The system is easily installed and suitable for any shape of aperture as well as larger glazed panels.

FEATURES AND BENEFITS

- Tested in conjunction with a wide variety of glasses to include both integrity (E) and integrity/insulation (EI) glass types
- Successfully assessed by numerous UK and international testing centres Can be used with either softwood or hardwood systems
- Choice of standard colours – white, light and dark brown, light grey and slate grey, black, cream and red
- Pyroglaze 30 is manufactured as 10mm x 3mm with a choice of standard lengths – 1000mm, 1050mm, 2050mm, 2100mm
- Non-standard colours and lengths available on request Dry glazing system, no cleaning down after installation
- Can be supplied without PVC sleeving upon request and for circular & shaped glazing profiles & applications

TECHNICAL DATA:

DESCRIPTION

Pyroglaze 30 seals comprise of self-adhesive semi-rigid pvc encapsulated strips, which are easily located between a fire resisting glass and untreated timber glazing beads. The system is simple, quick and clean and needs no cleaning down after installation.

PERFORMANCE

Pyroglaze 30 seals have been fire tested/ assessed in accordance with BS 476 Part 22 in conjunction with numerous glasses, for full details contact our Technical Department.

When subjected to a fully developed fire situation, the intumescent core swells

to provide an effective seal within the glazing pocket, and also reduces the risk of premature ignition of the glazing beads on the protected face.

APPLICATION

Pyroglaze 30 seals can be used for glazing fire resisting screens, partitions, and fire rated doors.

CONSTRUCTION

When constructing glazed screens, all timber must have a density of approximately 650kg/cu. Mtr.

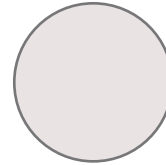
The geometry of the glazing beads depends on the glass type. Our Technical Department can provide full information on request.

Mainframes should be securely fixed to the structure and then fire-stopped using the following alternatives:- Pyromas A (10mm deep), 2No. Pyrostrip 500 PSA 20mm x 4mm, or Pyrospan.

Pyroglaze 30 is fitted to the glazing beads by peeling off the release paper on the self-adhesive face of the strip and bonding into position.

Glazing beads should be secured into position using either 38mm long steel screws or pins at 200mm centres. In both cases, the fixings should be splayed to pass underneath the glass.

Pyroglaze 30 Glazing seals within shaped apertures



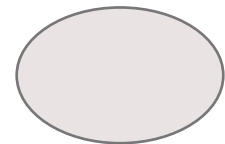
Maximum diameter 500mm



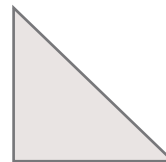
Straight edges not to exceed 500mm



Maximum diameter 500mm



Length not to exceed 500mm



Straight edges not to exceed 500mm

Note: Larger apertures may be possible. Please refer to our Technical Department for full details

Standard colours



White



Black



Cream



Red



Light Brown



Dark Brown



Light Grey



Slate Grey