

PYROGLAZE 60 INTUMESCENT GLAZING SEAL

MANN McGOWAN

Intumescent Fire Smoke & Acoustic Seals



Pyroglaze 60 seals are made of pvc encapsulated strips of intumescent and provide proven 60 minute protection for glazed doors, screens and partitions.

In the event of fire, the intumescent 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.

The system is easily installed and can be used with virtually any size or shape of doors and glazed screens.

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
- Choice of standard colours – white, light and dark brown, light grey and slate grey, black, cream and red
- Pyroglaze 60 is manufactured as 25mm x 3mm or 25mm x 4mm with non-standard colours and lengths available on request
- Dry glazing system, no cleaning down after installation
- Available as separate component or as part of a complete glazed system, please contact our technical department for a full specification
- Can be supplied without PVC sleeving upon request and for circular & shaped glazing profiles & applications

TECHNICAL DATA:

DESCRIPTION

Pyroglaze 60 seals comprise of self-adhesive rigid pvc encapsulated intumescent strips. These are easily located between the fire resistant glass and untreated timber glazing beads. Pyroglaze 60 measures 25mm x 3mm and is available in a variety of colours. Pyroglaze 60 is a dry glaze system and requires no cleaning down after installation.

The high performance intumescent core will swell when subjected to a fully developed fire. This provides an effective seal within the glazing pocket and reduces the risk of premature ignition of glazing beads on the protected face.

APPLICATIONS

Pyroglaze 60 seals can be used for glazing fire resisting screens and doors. For a full specification contact our Technical Department.

Pyroglaze 60 is suitable for internal and external applications.

For external applications the glazing should be capped to ensure the system is sealed against climatic conditions. (Please refer to BS 8000.)

PERFORMANCE

Pyroglaze 60 seals have been successfully fire tested and assessed to BS476 Part 22 on a variety of glasses, please contact us for a full list.

CONSTRUCTION

When constructing glazed screens all timber must have a minimum density of 650kg/m³ and a moisture content of approximately 10%.

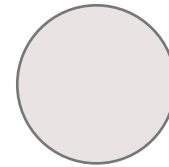
The geometry of the glazing bead depends on the glass type. For a full specification contact our Technical Department.

Pyroglaze 60 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 using either 50mm long steel screws at 200mm centres or 60mm lost head pins at 100mm centres. In both cases the fixings should be splayed to pass under the glass.

Pyroglaze 60 can be used to glaze apertures in doorsets that have undergone fire tests with glazed openings. Successful tests have been conducted by various manufacturers.

Pyroglaze 60 Glazing seals within shaped apertures



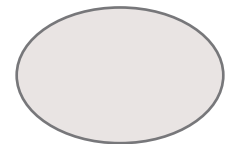
Maximum diameter 450mm



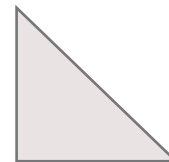
Straight edges not to exceed 450mm



Maximum diameter 450mm



Length not to exceed 450mm



Straight edges not to exceed 450mm

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