

# Fire Resistant Glazing Systems



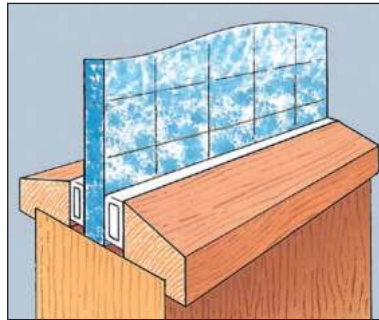
## PYROGLAZE® 30 & 60 SEALS

### Intumescent seals

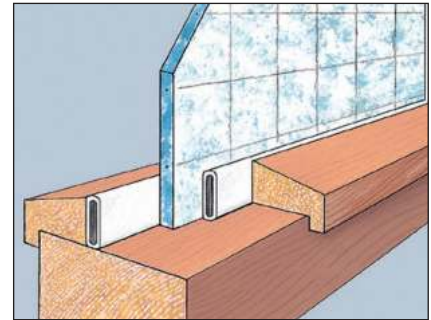
#### PYROGLAZE® 30

PYROGLAZE® 30 comprises 10mm x 3mm intumescent strips located between 6mm Georgian Wired Glass or 6mm Pyran® Glass Pyrostop®, Pyrobel®, Pyrobelite®, Firelite®, Purodur® and hardwood glazing beads. Has been successfully fire tested to BS476 parts 8 and 22.

Maximum glass size 2,000mm x 1,700mm (G.W.P.P). Glazing beads should be secured using 38mm long steel pins, splayed to pass under the glass at 150-200mm centres. Timber density should be 650kg/m<sup>3</sup>.



Pyroglaze® 30



Pyroglaze® 60

#### PYROGLAZE® 60

PYROGLAZE® 60 seals comprise 25mm x 3mm intumescent seals located between a fire resistant glass such as 6mm G.W.P.P. (Pyroshield®), 6mm Pyran®, 9.5mm Fyreguard®, 5mm Firelite®, Pyrostop® double glazed units, Pyrobel®, Pyroguard® and 6mm Pyran® glazed units. Pyrostrip® 100EC should be

used to line the aperture prior to glazing in all fire door applications (52mm x 2mm liner for 54mm thick doors). Glazing beads should be secured using 58mm long steel pins at 100mm centres splayed to pass under the glass. Timber should be a hardwood with a minimum density of 650kg/m<sup>3</sup>.

## PYROSTRIP® 300

### Intumescent system

#### DESCRIPTION

PYROSTRIP® 300 has been developed for use with various types of fire resistant glass, to provide at least 30 minutes fire resistance in accordance with BS476 Part 22: 1987.

PYROSTRIP® 300 is a phosphate based multi-component intumescent system. Under the action of heat, the components react chemically to form a soft, high volumetric expanded char that will seal gaps which occur during a fire.

PYROSTRIP® 300 also has insulating properties to protect substrates such as timber, when exposed to fire. Pyrostrip 300 is 2mm thick.

PYROSTRIP® 300 has achieved in excess of 30 minutes integrity to BS476:Part 22: 1987. Examples of tested construction as follows:

**69484/A** Glazed aperture 578mm x 908mm in Sauerland Type 38RF door core.

**69484/B** Glazed aperture 578mm x 908mm in Sauerland Type 38PV door core.

**RF 95045** Glazed aperture 370mm x 270mm in softwood laminated door core.

**70603** Glazed aperture 730mm x 1755mm (Pyran S) in single acting, double leaf, glazed doorset.

PYROSTRIP® 300 is a non-pressure developing intumescent seal, which produces high volumetric expansion when exposed to heat. The binder system employed in the manufacture of the product means PYROSTRIP® 300 is flexible in its cold state.

PYROSTRIP® 300 intumesces at approximately 160°C.

The blowing agents react and expand the insulating char material to around 40 times its original volume.



PYROSTRIP® 300 seals can be used as a glazing seal within glazed apertures of fire resisting doors.

PYROSTRIP® 300 is available in white and brown and can be supplied as self-adhesive for ease of fixing.

PYROSTRIP® 300 can be supplied in 10 metre coils and is easily cut to length, using a sharp knife or scissors, however, we can cut to length if required.