

Pyrostrip® 300

INTUMESCENT FIRE SEALS FOR GLAZING

CI/SFB	31.39	Yt4	(K2)
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Introduction

Mann McGowan 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.

Description

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.

Performance

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.



Properties

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.

Action

When exposed to fire an insulation char is formed. The blowing agents react and expand the charred material to several times its original size.

Applications

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

Finishes

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, Mann McGowan can cut to length if required.

Technical Services

Mann McGowan can offer advice on the use of Pyrostrip 300 or any other of our products, please contact our Technical Department.

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Advanced Intumescent Technology



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