

Pyrostrip®

500 & 750 VERMICULAR GRAPHITE SEALS

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Introduction

Mann McGowan have developed a wide range of high performance intumescent fire sealing products, based on vermicular graphite. With our vast experience of intumescent formulation and processing know how, we can supply standard or tailor made seals to suit a wide range of applications.

Description

PYROSTRIP 500 and 750 grades of intumescent are charcoal grey in colour. However, the raw intumescent can have a thin pvc film applied to 1 face, or alternatively fully encapsulated within a pvc extrusion.

Performance

PYROSTRIP 500 and 750 has been successfully fire tested in many different applications by both Mann McGowan and our customers. A brief selection of these tests are listed below:

Properties

Both grades are water and chemical resistant. On reaction to fire they expand many times their original volume, and develop a positive pressure when restrained between two substrates.

Due to the chemical formulation of the products, the melting point of the material is very high.

Applications

PYROSTRIP 500 and 750 grades can be used for many varied applications including:- Door edge seals, Fire resisting glazing seals in steel and timber partitions, Pipe Closure Devices, Air Transfer Grilles, Aviation Bulkheads, Linear Gap seals.

Finishes

PYROSTRIP 500 and 750 can be supplied in sheet or extruded form. Sheets are available in 1.8mm or 2.5mm thickness, 900mm x 2150mm. The extruded

versions can be supplied in numerous thicknesses and widths. Please consult our Technical Services Department.

The raw intumescent can also be supplied with a pvc laminate to 1 face only, or fully encapsulated in a pvc sleeve.

Standard Colours (P and PPS Versions)

White, dark brown, light brown, black, red, cream.

Non Standard Colours (P and PPS Versions)

A wide range of non standard colours and finishes, including Timber effect and Stainless Steel can be produced. Please contact our Sales Office.

All 500 & 750 products can be supplied with a self adhesive backing. Please state when ordering.

REPORT NO.	PRODUCT	APPLICATION	PERFORMANCE
FEA/F97087	PYROSTRIP 500PSS	10mm x 4mm Door seal	47 minutes
FEA/F97098	PYROSTRIP 500PSS	20mm x 4mm Door seal	60 minutes
RF/97077	PYROSTRIP 500P	18mm x 3mm Door seal	84 minutes
IT 357	PYROSTRIP 500P	10mm x 3mm Door seal	48 minutes
1165	PYROSTRIP 500P	18mm x 3mm Glazing seal (Steel frame)	60 minutes
TE 84578	PYROSTRIP 500P	15mm x 6mm Glazing seal (Aluminium partition)	35 minutes
IT 198B	PYROSTRIP 500	30mm x 2mm Door seal	39 minutes
IT 274 A 2	PYROSTRIP 750P	10mm x 3mm Door seal	51 minutes
TE 84578	PYROSTRIP 500P	10mm x 4mm Door seal	35 minutes
FR1313	PYROSTRIP 500P	12mm x 3mm Door seal	60 minutes
96 CVB R 0552	PYROSTRIP 500LSA	10mm x 2mm Door seal	64 minutes
BTC 5161F	PYROSTRIP 500LSA	22mm x 2mm Door seal	40 minutes
BTC 5020F	PYROSTRIP 500LSA	22mm x 2mm Door seal	42 minutes
J 88575/2	PYROSTRIP 500PSS	20mm x 5mm Door seal	41 minutes
Warres 70603	PYROSTRIP Flexifin	25mm x 4mm Door seal	33 minutes

A number of the above Fire Resistance Tests, relate to timber based door leaves, hung within aluminium partition systems.

Ordering

PYROSTRIP 500 and 750 can be ordered directly from our Sales Office.

Technical Services

The above advice is generic and gives guidance on how to achieve 30 and 60 minutes fire resistance in accordance with BS 476 Part 22 1987.

PYROSTRIP 500 and 750 are high performance components used in the complete construction of a fire resisting doorset.

Mann McGowan can advise on the use and application of any of our products. We can also provide presentations or site surveys at your request.

Mann McGowan's Pyrostrip 500P 10mm x 4mm and 500P 20mm x 4mm seals have CERTIFIRE approval.

We are also a FIRAS accredited distributor for fire resisting glazing seals and products.

Quality Management

Mann McGowan's quality management system has been registered to ISO 9002.

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Range of Profiles - PYROSTRIP

10 x 2 500L

15 x 2 500L

20 x 2 500L



10 x 4 (500) Flexifin



15 x 4 (500) Flexifin



20 x 4 (500) Flexifin



25 x 4 (500) Flexifin



30 x 4 (500) Flexifin



10 x 4 500PSS



15 x 4 500PSS



20 x 4 500PSS



25 x 4 500PSS



30 x 4 500PSS



38 x 4 500PSS



48 x 4 500PSS



10 x 3 500P



15 x 3 500P



18 x 3 500P



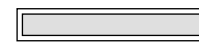
25 x 3 500P



10 x 4 500P



20 x 4 500P



25 x 4 500P



38 x 4 500P



48 x 4 500P



20 x 5 20/1 500DPSS



20 x 7 20/2 500DPSS



20 x 5 20/1 500DP



20 x 7 20/2 500DP



Member Glass & Glazing Federation



FIRAS Member

MANN MCGOWAN
Advanced Intumescent Technology



BRITISH WOODWORKING FEDERATION



Certificate No: 93/2172

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