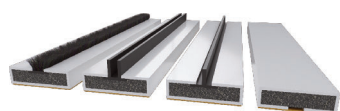




PROTECTING LIFE & PROPERTY



Intumescent Fire Seals



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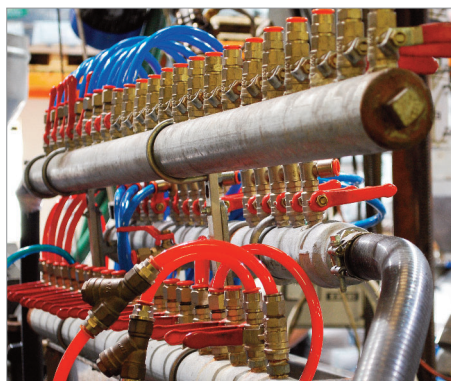


Made in the UK • Distributed Globally

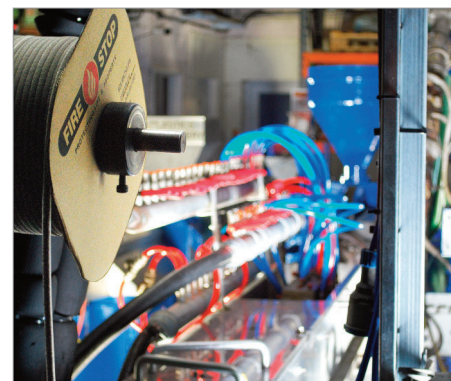




Intumescent Fire Seals



Example images of parts of our UK production lines ©



Manufacturing

Firestop is a British company with a reputation for producing quality seals for both the UK and overseas market. Firestop's inline co-extrusion process allows for a wide range of intumescent seals to be manufactured to suit our client's requirements. Firestop operates a quality management system which complies with BS EN ISO 9001: 2008 to produce seals of the highest standards. Firestop intumescent seals hold Certifire certification, CF846 refers

Description

Firestop intumescent door seals are designed to close the gap between the fire door and frame in the event of a fire thereby preventing the spread of smoke and hot gasses. Once installed our seals can lay dormant for many years only activating when exposed to the rising temperatures and pressures in a fire situation.

Firestop's high performance intumescent core contains intercalated graphite which in the event of a fire expands multi-directionally up to 10-15 times its original size sealing the gap and holding the fire door in place.

Firestop's combined intumescent fire and smoke seal provides additional cold smoke protection sealing off the gap around the door and providing a permanent seal to the passage of smoke. The smoke seal also affords additional thermal and acoustic benefits.

Branding

For over 20 years Firestop has specialised in creating fire protection brands or own branding for our trading partners.

Firestop are able to offer a total design and packaging service to provide our clients with a comprehensive range of fire protection products in the market place:

- Creating new brands and logos
- Assisting with product literature
- Bar coding - We are registered to create barcodes to EAN 13 or EAN 8
- Individual pack quantities
- Packaging - Clients are free to specify their own requirements
- POS material

Features & Benefits

- Rapid high-pressure multi-directional expansion.
- Mineral based: safe to handle, containing no fibrous material or harmful chemicals
- Unaffected by moisture, humidity, atmospheric pollution and other common industrial and household chemical substances
- Laboratory ageing tests indicate a life expectancy in excess of 100 years
- Supplied with a self-adhesive backing for ease of application
- Identification on each product ensures full traceability
- Available in 6 standard colours - brown, white, black, silver, red and cream

Key: symbols for product feature qualities



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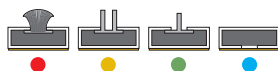
Product Range

Seal Feature Key:			
●	Fire & Smoke Seal - Brush	●	Fire & Smoke Seal - Double Fin
●	Fire & Smoke Seal - Single Fin	●	Fire Seal



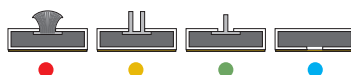
The below product range tables show our core products however is not absolute.
As manufacturers we offer a wide range of different colours and can cut to any specified length.

10mm x 4mm - Self Adhesive



Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS104	10mm x 4mm 2.1mtr	Fire Seal	30 minutes	White	100
FS103	10mm x 4mm 2.1mtr	Fire Seal	30 minutes	Brown	100
FS110	10mm x 4mm 2.1mtr	Fire & Smoke Seal	30 minutes	White	100
FS109	10mm x 4mm 2.1mtr	Fire & Smoke Seal	30 minutes	Brown	100
FS1603	10mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	30 minutes	White	25/100
FS1604	10mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	30 minutes	Brown	25/100
FS1621	10mm x 4mm 2.1mtr	Fire & Smoke Double Fin Seal	30 minutes	White	25/100
FS1622	10mm x 4mm 2.1mtr	Fire & Smoke Double Fin Seal	30 minutes	Brown	25/100

15mm x 4mm - Self Adhesive



Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS116	15mm x 4mm 2.1mtr	Fire Seal	30/60 minutes	White	50
FS115	15mm x 4mm 2.1mtr	Fire Seal	30/60 minutes	Brown	50
FS122	15mm x 4mm 2.1mtr	Fire & Smoke Seal	30/60 minutes	White	50
FS121	15mm x 4mm 2.1mtr	Fire & Smoke Seal	30/60 minutes	Brown	50
FS1609	15mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	30/60 minutes	White	25/50
FS1610	15mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	30/60 minutes	Brown	25/50
FS1627	15mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	30/60 minutes	White	25/50
FS1628	15mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	30/60 minutes	Brown	25/50

20mm x 4mm - Self Adhesive



Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS131	20mm x 4mm 2.1mtr	Fire Seal	60 minutes	White	50
FS130	20mm x 4mm 2.1mtr	Fire Seal	60 minutes	Brown	50
FS134	20mm x 4mm 2.1mtr	Fire & Smoke Seal	60 minutes	White	50
FS133	20mm x 4mm 2.1mtr	Fire & Smoke Seal	60 minutes	Brown	50
FS1615	20mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	60 minutes	White	25/50
FS1616	20mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	60 minutes	Brown	25/50
FS1633	20mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	60 minutes	White	25/50
FS1634	20mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	60 minutes	Brown	25/50



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Product Range cont...

Seal Feature Key:			
●	Fire & Smoke Seal - Brush	●	Fire & Smoke Seal - Double Fin
●	Fire & Smoke Seal - Single Fin	●	Fire Seal



25mm x 4mm - Self Adhesive

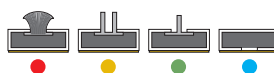


Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS332	25mm x 4mm 2.1mtr	Fire Seal	90 minutes	White	50
FS333	25mm x 4mm 2.1mtr	Fire Seal	90 minutes	Brown	50
FS335	25mm x 4mm 2.1mtr	Fire & Smoke Seal	90 minutes	White	50
FS336	25mm x 4mm 2.1mtr	Fire & Smoke Seal	90 minutes	Brown	50
FS1637	25mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	90 minutes	White	25/50
FS1638	25mm x 4mm 2.1mtr	Fire & Smoke Seal Single Fin	90 minutes	Brown	25/50
FS1640	25mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	90 minutes	White	25/50
FS1641	25mm x 4mm 2.1mtr	Fire & Smoke Seal Double Fin	90 minutes	Brown	25/50

Single Door Packs

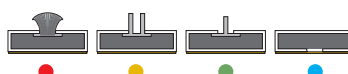
These own branded door packs each contain sufficient intumescent seals to fit a single fire door and are packed in a tough clear polythene sleeve fitted with a euro hook hanger to allow easy self selection in store. Each pack contains 5 x 1050mm lengths of seal and comes complete with fitting instructions.

10mm x 4mm - Self Adhesive



Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS151	10mm x 4mm 1.05mtr	Fire Seal	30 minutes	White	10
FS150	10mm x 4mm 1.05mtr	Fire Seal	30 minutes	Brown	10
FS152	10mm x 4mm 1.05mtr	Fire Seal	30 minutes	Silver	10
FS154	10mm x 4mm 1.05mtr	Fire & Smoke Seal	30 minutes	White	10
FS153	10mm x 4mm 1.05mtr	Fire & Smoke Seal	30 minutes	Brown	10
FS155	10mm x 4mm 1.05mtr	Fire & Smoke Seal	30 minutes	Silver	10

15mm x 4mm - Self Adhesive



Code	Dimensions	Description	Fire Rating	Colour	Pack Outers
FS157	15mm x 4mm 1.05mtr	Fire Seal	60 minutes	White	10
FS156	15mm x 4mm 1.05mtr	Fire Seal	60 minutes	Brown	10
FS158	15mm x 4mm 1.05mtr	Fire Seal	60 minutes	Silver	10
FS160	15mm x 4mm 1.05mtr	Fire & Smoke Seal	60 minutes	White	10
FS159	15mm x 4mm 1.05mtr	Fire & Smoke Seal	60 minutes	Brown	10
FS161	15mm x 4mm 1.05mtr	Fire & Smoke Seal	60 minutes	Silver	10



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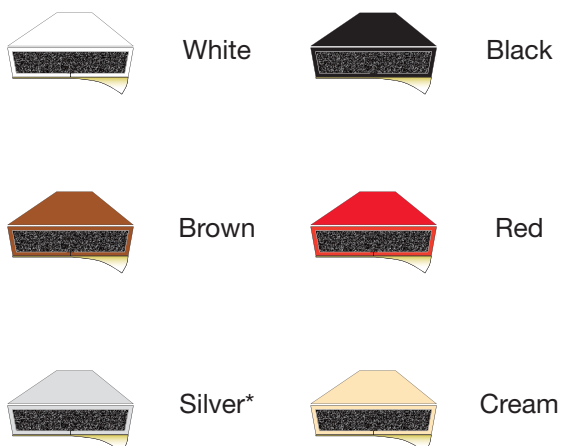


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Colours

Firestop's standard range of colours are shown below.



We are also able to manufacture seals to any RAL colour please enquire for further details.

Please note: Colours shown are for guidance only and not for colour matching.

*Our silver seal has a pearlescent finish which compliments architectural Ironmongery in stainless steel, chrome and SAA.

Lengths

Our standard lengths are 2100mm and 1050mm but we are able to manufacture seals to clients specific lengths.

Smoke Seals

Firestop smoke seals are manufactured from high quality polypropylene for exceptional durability and resistance to abrasion. Our standard brush pile colour is grey but black and white are also available to order. The standard brush pile height is 5.5mm but higher pile heights are available. Please note that higher brush pile heights may invalidate test evidence.

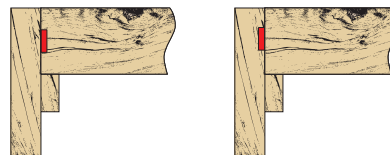
Testing

Firestop intumescent seals have been extensively tested to the latest British standards and have achieved Certifire approval assessed against the requirements of the technical schedules TS35 & TS21

- BS 476 part 22: 1987
- BS 476 part 31.1: 1987
- Certifire approved CF846 refers

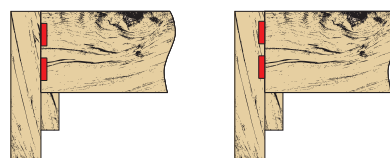
Fitting Instructions

IMPORTANT - You must fit the correct size intumescent seal as per the door manufacturers instructions. If the door manufacturer cannot be identified we would recommend the following:



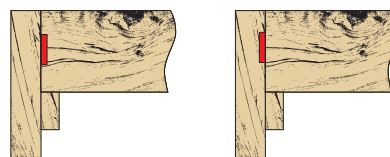
FD30 fire door assembly (30 minute rated)

Use a 15mm x 4mm intumescent fire seal



FD60 fire door assembly (60 minute rated)

Use 2 x 15mm x 4mm intumescent fire seal



or a 20mm x 4mm intumescent fire seal

Intumescent seals can be fitted to either the door frame or the fire door. The seal should be located centrally.

In the case of using 2 intumescent seals (Typically for an FD60 assembly) please space the seals so that one of the seals is not completely interrupted by hinges or locks/latches.

Fit the seals to both jambs (vertical sides) and to the head of either the door frame or fire door. There is no benefit to fitting intumescent seals to the bottom of the fire door.

1. Route a rebate to suit the seal size.
2. Clean the rebate to ensure it is free from dust and debris.
3. Measure and cut the seal using a hacksaw or blade.
4. Ensure that the seal does not stand proud of either the frame or the door.
5. Remove the self adhesive backing and press home the seal firmly.



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