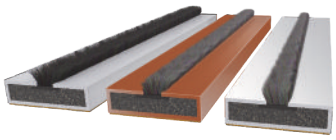
FIRE STOP

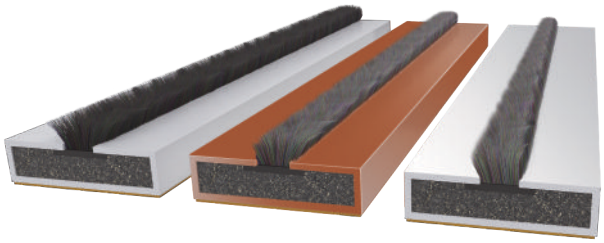
PROTECTING LIFE & PROPERTY

Intumescent Fire Seals



Product Data

Intumescent Fire Seals Product Data



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.

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.

Field of Application

- Rebates in timber door leaves or door frames
- Approved for use single and double action leaf doors
- Can be used on latched and unlatched doors
- New build and retrofit applications

Features and Benefits

- Rapid high-pressure multi-directional expansion
- Mineral based: safe to handle, containing no fibrous material or harmful chemicals
- Uneffected 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

Fitting Instructions

IMPORTANT - You must fit the correct size intumescent seal as per the door manufacturers instructions.

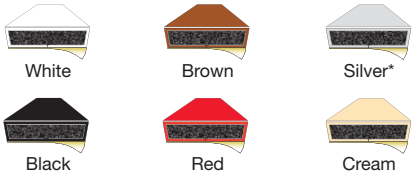
- Route a rebate to suit the seal size
- Clean the rebate to ensure it is free from dust and debris
- Measure and cut the seal using a hacksaw or blade
- Ensure that the seal does not stand proud of either the frame or the door
- Remove the self adhesive backing and press home the seal firmly

Lengths

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

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.

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
- BS EN 1634-1
- Certifire approved CF846 refers

Intumescent Fire Seals Product Data

Composition/Information on Ingredients

Chemical Nature: Thermoplastic element composition containing intercalated graphite in a synthetic compound with the addition of fillers and process oils. Contained with a rigid outer casing for aesthetic finish, supplied with an acrylic self adhesive backing.

Possible Hazards

Principle hazards: Not subject to decree of hazardous substances. Critical hazard of Man and Environment: Not Applicable.

First Aid Measures

On skin contact: wash thoroughly with soap and water.
On contact with eyes: Wash for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
On ingestion: Rinse mouth immediately, do not induce vomiting, and seek medical attention.
If inhaled: Not applicable in solid state.

Fire Fighting Measures

Suitable Extinguishing Media: Water, foam, powders and dry extinguishing media.
Special Protective Equipment: Suitable forms of PPE (Personal protective equipment) Avoid inhalation of smoke or fumes.In the event of a fire, contact the appropriate emergency services for assistance.

Accidental Release Measures

Personal Precaution: In the event of a fire ensure sufficient ventilation.
Environmental Precaution: Do not discharge the product into drains or water courses ensure material are disposed of in accordance with Local Authority regulations and/or Government Legislation.
Method for cleaning up: No special measures necessary.

Handling and Storage

Handling: No special requirements. Keep away from food and drink.
Storage: Store dry in a cool place (not above 35c) Keep out of reach of children. Take care for sufficient ventilation.

Exposure Controls and Personal Protection

Respiratory protection: None normally required when supplied in solid form.
Hand Protection: Appropriate protective gloves.
Eye Protection: Appropriate protective goggles.
Skin Protection: None normally required.

Physical and Chemical Properties

Form:	Solid
Colour:	All colours
Odour:	Acidic
Density	1.3 specific gravity

Stability and Reactivity

Conditions to be avoided:
Thermal decomposition above 300c.

Hazardous decomposition Products:
Thermal decomposition fumes contain Hydrogen chloride. However, the activated graphite is effective at removing aromatic particles from smoke emissions.

Toxiological Information

Acute Toxicity: Not applicable in solid state

Ecological Information

General Advice: Observe the legal provisions regarding the prevention of ground water and surface water as well as air. Do not discharge products into natural waters without pre-treatment.

Disposal Considerations

Recommendations: Disposal of by special means in accordance with local's regulations e.g. suitable deposition.

Transport Information

Transport Hazards: No regulations apply for the transport of this material. Not classified as hazardous for road, rail, sea or air transport.

Regulatory Information

Labelling according to EEC directives:

National legislation/regulations	Not applicable
VbF Classifications	None
Water Hazard Class	Not applicable

Additional Information

The information contained herein is based upon the present state of our knowledge. Recipient of our products must take responsibility for observing existing laws and regulations.

CERTIFIRE approved FD30 Single-acting, single leaf, latched or unlatched doorsets of maximum leaf dimensions 2040 mm high by 926 mm wide and of minimumthickness of 42mm. The doorset assemblies shall consist of timber faced and edged leaves with timber,cellulosic or mineral cores in timber frames (Code ITT). More information can be referred to in TS35

These seals are suitable to be used with CERTIFIRE approved single or double leaf, FD30, FD60, FD90 and FD120 doorsets which have been previously tested (in accordance with BS 476: Part 22: 1987). In either case, the seals are suitable only for doors which have been specifically tested with Firestop seal. The seal size and configuration required in the relevent CERTIFIRE certificate or test report must be replicated. The doorset assemblies shall consist of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames (Code ITT).

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