



passive fire protection and insulation

Suppliers of passive fire products,  
acoustic and specialist insulation  
Manufacturers of the Safire® Fire Stopping Range

Uniclass	EPIC
CI/SFB	

## Safire® Intumescent Fire Strip

### Flexible Self Adhesive Fire Strip



**120**  
mins

Safire® Intumescent Fire Strip is a soft, extruded linear gap seal for use in conjunction with soffit head details or other situations where a small gap requires fire sealing.

When exposed to flames and heat, Safire® Fire Strip undergoes controlled expansion or intumescence, reacting to form a carbonised foam. This char resists the passage of smoke and flames and helps to insulate the metal channel beneath.

Safire Intumescent Strip is ideal for door and glazing seal or gasket applications-including deflection head detail.

- Providing upto 120 minutes fire resistance in accordance with BS476 part 22
- Suitable for use in fire partition walls and floors and other areas
- Self adhesive, no mechanical fix required
- 1.3mm thickness but will expand upto 25x in event of fire
- Cost effective
- Easily cut to size to minimise wastage
- No mastic required
- Can be fitted flush offering a clean solution
- Allows for movement when used in a deflection head detail
- Simple to install, no special tools or skills
- Suitable for a wide range of applications
- Long shelf life
- Non hazardous

# Safire® Intumescent Fire Strip



## TECHNICAL SPECIFICATION

Fire resistant extruded self-adhesive intumescent mastic strip which contains 0.1% microbicide and 1.5% white spirit.

- Non-hazardous under CHIP 99 Regulations
- Supplied in rolls, 25m length x 25mm x 1.3mm depth
- Store in frost-free conditions between 5°C and 30°C

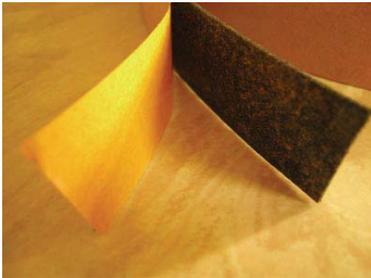
Density	750 kg/m <sup>3</sup>
Moisture content	3 % max
Expansion (under 50psi load)	110 %
Free expansion ratio (@400°C 15mins)	26:1 (min 20:1)
Activation Temperature Under 50 psi Load	200° C
Free expansion ratio (@400°C 15mins)	12 bar

## INSTALLATION

Ensure that light gauge metal channels and soffits are clean. Without stretching it, unreel the self-adhesive strip and apply one strand along the whole length of the metal channel or head plate, then remove the release paper.

Ensure that the seal is maintained wherever one strand meets another, normally at the channel/head plate ends.

Safire® Fire Strip can also be used to seal small gaps in other situations.



**120**  
mins

Other products in the Fireus Products range:

**FIRE BARRIERS:** Total Comfort Rock Fibre Fire Blanket

**FIRE STOPPING:** Compound  
Fire Collars  
Barriers (Batts)  
Sealants  
Fire Pillows  
Expansion Joints  
Flamestop60  
Flamestop FSI

**THERMAL:** Industrial thermal and acoustic insulation

For information on any of the above, or the name of your nearest distributor, please contact our sales department on tel. 01524 388898.

Alternatively, product information is available from our web site at [www.fireus.co.uk](http://www.fireus.co.uk)

Your distributor:



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