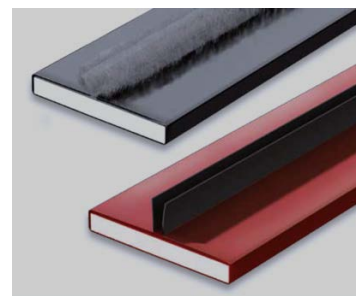
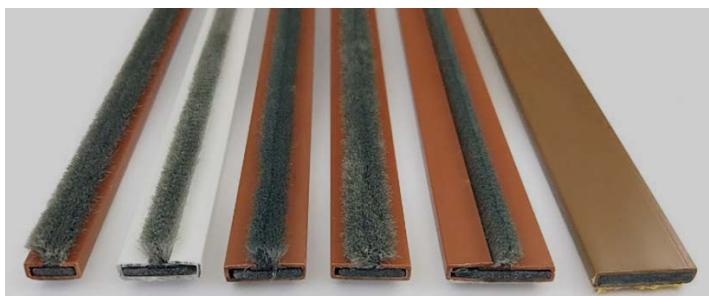
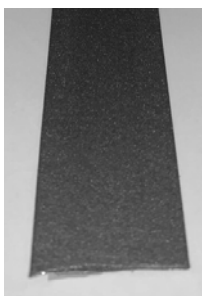
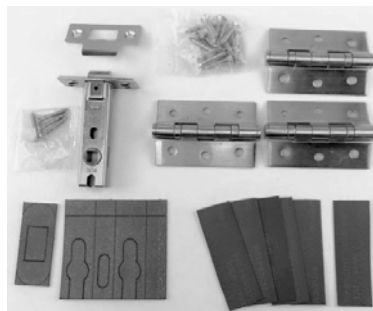
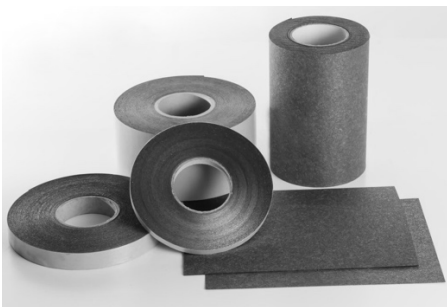
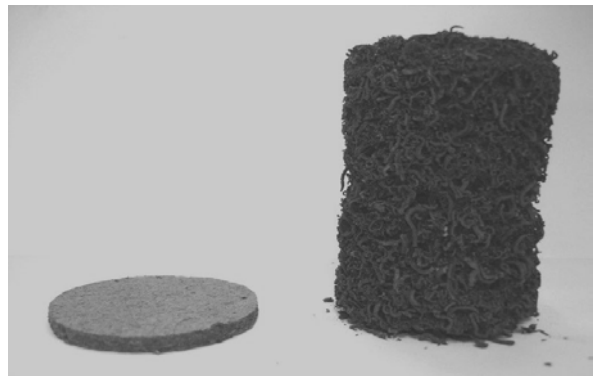


# Intumescent Fire Seals

High Performance | Low Maintenance Cost | Long Life

Intumescent Fire Door Strips  
Intumescent Hing Pads  
Electrical Switch Boxes  
Fire Rated Composite Panels  
Fire Rated Air Transfer Grills  
High Expansion Ratio: 20:1 to 60:1  
Fire Rating 30 to 120 Minutes  
30 years Guarantee  
Zero Halogens



## INTUR: Rigid Intumescent Fire Seal Strips

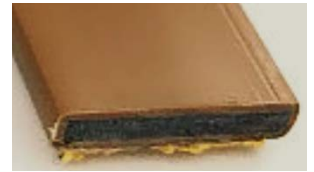
Rigid types of Intumescent fire seals are most suitable for severe application where regular door maintenance is not possible. The PVC covering to the graphite intumescent seal protects from wearing out due to any mechanical damage to the seals.

At wedge we produce and supply different versions including fire only, fire & smoke, fire & acoustic, and fire & weather proof seals of Rigid Fire Seals depending on the end user requirements.

In the event of a fire the INTUR intumescent graphite seal expands multiple times its original volume and seals the gap around the door edges and joints to provide fire barrier and stop the passage of fire, smoke and hot gases. Surface Mounted Acoustic & Smoke Door Bottom Seals or Rebate Fit Acoustic & Smoke Door Bottom Seals are most suitable for the door bottom sealing. All fire and smoke seals are supplied with a self-adhesive backing tape as standard to facilitate quick and easy fitting. All the seals are Tested for 30 minutes, 60 Minutes, and 120 Minutes to BS 476 part 22 & 31.1. Smoke seals tested to EN1634-3 to 100,000 open/close cycles.

### Fire Protection Only

- Applied in the Fire Door assemblies where no threat of Smoke
- Available in 2.1 meter and 1.05 meter lengths
- Self adhesive type
- Fire rating from 30 to 120 minutes
- Thickness 4 mm and width 10 mm to 25 mm



### Fire & Smoke Protection with Brush

- Protects against damages from Fire & Smoke
- Available in 2.1 meter and 1.05 meter lengths
- Self adhesive type
- Fire rating from 30 to 120 minutes
- Thickness 4 mm and width 10 mm to 25 mm



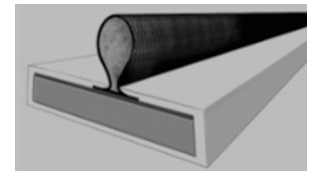
### Fire & Smoke Protection with Neoprene single / twin blade

- Protects against damages from Fire & Smoke
- Available in 2.1 meter and 1.05 meter lengths
- Self adhesive type
- Fire rating from 30 to 120 minutes
- Thickness 4 mm and width 10 mm to 25 mm



### Fire, Smoke, Acoustics, and Weather Protection

- The complete protection from fire, smoke, noise, heat, and water
- Available in 2.1 meter and 1.05 meter lengths
- Self adhesive type
- Fire rating from 30 to 120 minutes
- Thickness 4 mm and width 10 mm to 25 mm



### Technical Properties:

Base Materials		: Intumescent Graphite
Covering Material		: PVC in colours as desired
Type		: Rigid with Self Adhesive
Colours		: Brown, Red, Black, White, Grey
Length	meter	: 2.1, 1.05
Width	mm	: 10, 15, 20, 25
Thicknesses	mm	: 4
Activation Temperature	°C	: 180 to 200
Fire Ratings	Minutes	: 30, 60, 90, 120

## INTUF: Flexible Intumescent Fire Seal Strips & Sheet

INTUF is a rubber free zero halogen intumescent fire seal that in case of fire expands 20 to 60 times without generating any harmful or toxic gases. These are high performance and high expansion Intumescent fire seals without any PVC coverings.

These strips are most suitable for applications in wooden fire doors, manufacturing PVC covered rigid intumescent strips, glazing seals, manufacturing intumescent hinge pad seals, door hardware and ironmongery protection, damper seals, gap sealing or a variety of gasketing applications.

INTUF is highly flexible allowing it to be wrapped or folded to suit various applications but produces an excellent char structure helping to maintain integrity throughout the fire.

### Features and Benefits

- Zero halogen intumescent fire seals
- Rubber free and do not generate any toxic smoke
- Generates high expansion when exposed to fire or heat
- Produces an excellent char structure to provide high integrity
- Available in strips 2.1 meter and 1.05 meter lengths
- For bulk use available Sheets 2100 x 1000 mm size
- Self adhesive type
- Fire rating from 30 to 120 minutes
- Thickness from 0.5 mm to 2.5 mm
- 30 years guarantee life



### Technical Properties:

Base Materials		: Zero Halogen & Rubber free Intumescent Graphite Laminate
Covering Material		: Without covering or PVC in colours as desired
Type		: With or without Self Adhesive
Colours		: Dark Grey
Length	meter	: 2.1 & 1
Width	mm	: 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 500
Thicknesses	mm	: 0.5, 1, 1.3, 1.8, 2, 2.1, 2.5
Density	Kg/m <sup>3</sup>	: 750 to 800
Activation Temperature	°C	: 180 to 200
Free Expansion Ratio	@ 400 °C	: 20 / 1
Fire Ratings	Minutes	: 30, 60, 90, 120
Guarantee Life	Years	: 30

