

# Fire Stopping Solutions

## Product Catalogue





## Intelligent Engineered Passive Fire Protection

As a market leading manufacturer of both Fire Stopping and Structural Steel Protection solutions, Nullifire is at the forefront of smart passive fire protection. We are specialists, with one focus that has not and will not change- to protect people and buildings from fire.

With 50 years' experience in the construction industry, our offering includes a unique combination of Passive Fire Protection solutions and hands-on approach to delivering our services. These are the key differentiators that you will not see elsewhere.

You can have confidence in fire protection and rely on our systems to perform when they are called upon- Smart Protection.

A resilient and passionate team of technical experts will work hard and focus on trying to understand your needs and requirements, at every stage of your project.

Nullifire is a brand of Tremco CPG, Construction Products Group, a European manufacturer and service provider of high performance building materials.

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## Assistance When Required

**Our targeted approach allows you to access answers to all of your questions - quickly, simply and for at any stage of the design, build and installation process.**

Regardless of the complexity of a project, you can turn to the team here at Nullifire. Our trained expert team support architects, specifiers, main contractors and installers in product selection, specification writing and industry best practices. Involving us at the early stages of a project can help you save money and time, as well as the assurance that the products selected are fully compatible and ideal for the job at hand.

Whilst choosing the right product is vitally important, the application is equally as critical. To optimise this process, we are able to supply the field teams data on formulations, installation specifications and technical drawings to ensure the correct application of our products. Bespoke manuals and instructions can be prepared by our technical teams for specific situations.

Our extensive online and face-to-face training ensures Nullifire products are applied professionally and efficiently, whilst giving installers and contractors access to new technologies and solutions.

All of our product data sheets, technical notes and additional product information can be downloaded from [www.nullifire.com](http://www.nullifire.com).



## Introduction

Our global reputation and 50 years in the industry place us as the best choice for single-source products, services and solutions!

Alongside our market leading Nullifire intumescent coatings for the protection of steel structures, fire stopping products provide outstanding passive fire protection solutions to service penetrations, movement joints and linear gaps along with unique interfacing solutions.

With dedicated customer service and sales team and a knowledgeable team of technical experts, everything is focused on providing what our customers need at every stage of their project – smart protection.

## Our Services

### Technical Hub

Our service offer underpins our product range, providing customers with a fast track response to technical queries at any stage of the design, build and installation process. Our technical support team is available to advise on product specification, application and installation.

Early input at every stage of the construction process can facilitate the seamless integration of passive fire protection solutions and prevent unnecessary disruption or delays to the build programme. This ensures accurate specification of products for every circumstance. Our extensive knowledge allows us to advise on current and likely future legislation related to fire protection in order to future-proof construction developments.



### Working with Contractors

We can work closely with contractors to optimise the installation process. Data on formulations, installation specifications and technical drawings can be supplied to field teams to ensure the correct application of our products. Bespoke manuals and instructions can be prepared by our technical teams for specific situations.

### On-site Support

We provide on-site support and classroom-based training to give installers working knowledge of passive fire protection solutions and instruction in the correct application and installation of our full range of products. Comprehensive searchable product information such as technical data sheets, safety data sheets and method statements are available on line.

### Training Hub

As experts in the field and with development centres at our fingertips, Nullifire UK offer monthly installers trainings and CPD Seminars to share and inform participants of new and upcoming technologies, methods, and procedures.



## Guaranteed Product Traceability

Pioneering technology brought to the market by Nullfire to provide building owners with lifelong traceability of products after construction phase.

These unique technologies offer a guaranteed source of quality and new levels of assurance, whilst acting as an incentive to ensure products are used and applied correctly.

- **Applicators** – Ability to ensure product installed on site is correct.
- **Main Contractors** – Ability to ensure that the whole contract chain is adhering to the same specifications.
- **Architects and Specifiers** – Ability to ensure that the specified quality products are installed without potentially inferior quality alternatives used.



Optifire is a unique UV technology, which is activated by exposing the product's surface to a UV light source, to offer easy and instant product identification.



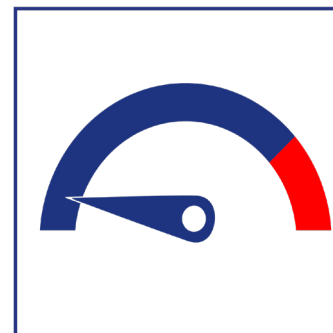
Optifire+ offers pigment technology, which is impossible to manipulate. Visible only with a specific Nullfire detector, it offers lifetime identification, remaining traceable even after a fire.



Insurance Premiums



Lifetime Traceability

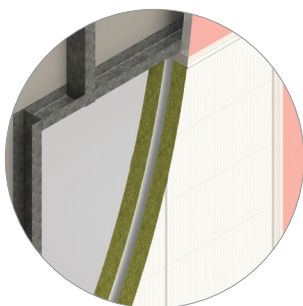


Reduced Risk

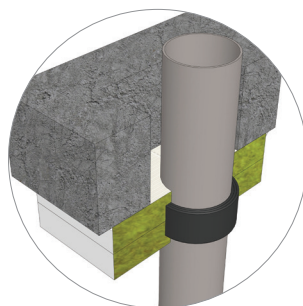




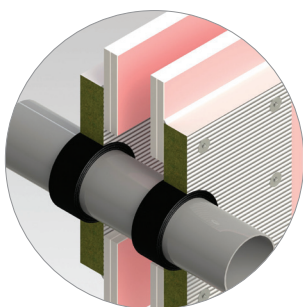
Nullifire manufactures a comprehensive range of fire stopping and fire resistant products that cover an extremely wide range of construction applications.



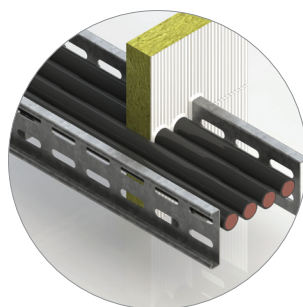
**Penetration Openings Through  
Compartment Walls (Flexible or Non-  
Flexible Construction)**



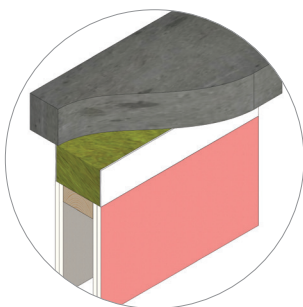
**Penetration Openings in Floors  
(Concrete, Timber or Membrane  
Construction)**



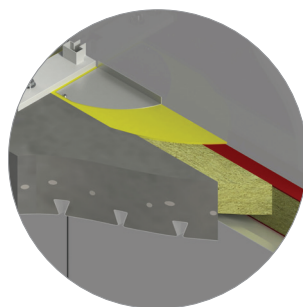
**Combustible Penetration Services**



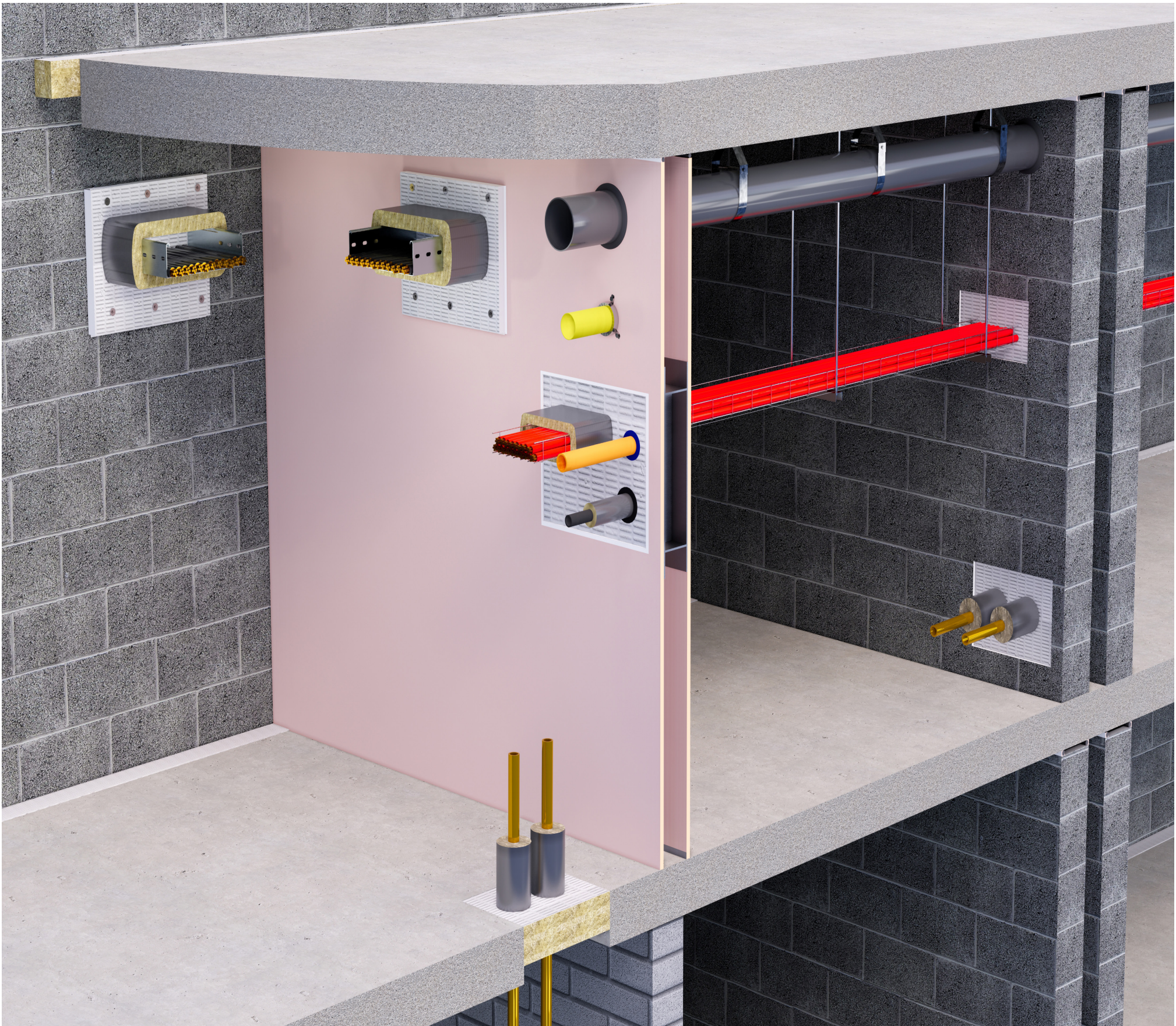
**Non-Combustible Penetration  
Services and cable Management  
Systems**



**Linear Seals, Movement Heads and  
Deflection Details**



**Slab Edge Cladding and External  
Façade Solutions**





# Wall & Floor Penetration Sealing



## FB750 Intubatt



Rock mineral fibre board with an ablative elastomeric coating

### Description

FB750 Intubatt is a lightweight 4 hour fire barrier comprising of a rock mineral fibre board with a uniquely identifiable ablative coating, containing Optifire™ technology. Designed to reinstate the fire performance of compartment walls and floors which have been breached by penetrating services, providing a fire, smoke, thermal, acoustic and air pressure seal. FB750 must be used in conjunction with FS702 Intumastic to be suitable for sealing around the following service types: non-combustible pipes, cable trays, ladders and baskets (perforated or non-perforated), combustible pipes with suitable closing device, armoured cables, data cables, HV cables and cable bundles up to 100 mm.

### Features & Benefits

- Up to 4 hours fire resistance- tested to EN 1366-3
- Optifire™ unique traceability identifier
- Acoustic sealing & smoke sealing
- Air pressure tested up to 2000 Pa

### Specification

1200 x 600 x 50 mm  
Tolerances: ±2.5%  
Core Weight: 140 kg/m³  
Supplied individually in marked bags (180 kg option available)



22/0061



21/0412



Cert. No. UL-EU-01058-CPR



## FR230 Intucompound Fire Mortar



Gypsum based mortar used to reinstate the fire resistance performance of floor constructions where the compartment line has been breached by service penetrations

### Descriptions

FR230 provides a safe working platform for loads upto 2.5 kg/m² when installed in full accordance to our recommendations. FR230 is used to stop the spread of fire and smoke around services that pass through compartment walls and floors, whilst providing an unsupported load bearing capacity (see Specification Information). The system also provides thermal, acoustic and air sealing performance. FR230 is suitable for the following service penetrations; single and bunched cables, cable trays, cable ladders, trunking\*\*, non-combustible pipes, ducting/damper penetrations\* and combustible pipes\*\*.

### Features & Benefits

- Provides an effective barrier to the spread of smoke and fire
- Fire resistance up to 240 minutes
- Certified to EN 1366-3:2009
- Rapid setting, zero shrinkage formulation- can be used as pourable or trowel grade

\* Damper manufacturer should be consulted prior to application

\*\* A suitable closer device will be required

### Specification

Supplied in 20 kg bags  
Mix Ratio: 2:1 powder to clean water (a stiffer mix may be required to aid application)  
Coverage: 3.5 bags per m² at 100 mm depth  
Maximum load capable unsupported opening: 1.21 m² at a depth of 100 mm



22/0063



20/1316



Cert. No. UL-EU-01057-CPR



## FS702 Intumastic Fire Resistant Acrylic



A water based acrylic sealant which cures to give a firm but flexible fire seal. Used to repair damage or bond to FB750 Intubatt

### Description

FS702 is suited for use around non-combustible services, cables, rock fibre insulated non-combustible pipes, using a minimum depth of 25 mm. FS702 has excellent adhesive qualities and can be used for bonding and pointing of joints and service penetrations in conjunction with FB750 Intubatt systems.

### Features & Benefits

- Up to 4 hours fire resistance- tested to EN1366-4, EN1366-3 and BS 476 Pt 20-22
- Suitable for flexible walls and rigid walls & floors.
- Acoustics up to 55dB and air seal up to 2,000 Pa
- Optifire and Optifire+™ unique traceability identifiers

### Specification

Gun Grade: 310ml cartridges (12 per box/25 per box)  
600ml sausages (12 per box)  
400 ml sausages (15 per box)  
Trowel Grade: 5 Litre Bucket  
Colour: white (grey available on request) Can be over-painted.



22/0064 Penetrations  
22/0063 Linear Gap



21/0010 Penetrations  
20/1315 Linear Gap



Cert. No. UL-EU-01059-CPR (Penetrations)  
Cert. No. UL-EU-01062-CRP (Linear Gap)







## F1025

### Intuflex Insulation Wrap

up to  
240  
mins

Designed to reinstate the fire insulation of services to the requirement of the compartment line in terms of EI

**Description**

F1025 Intuflex is a fire insulation upgrade material, primarily made from rock mineral fibre, with an outer layer of foil to provide a class O surface spread of flame around a class A1 core. F1025 is designed to upgrade the insulation rating of uninsulated penetrated services (where required) which have been sealed using a Nullifire product. Tested around copper and steel pipes up to 170 mm diameter, cable trays, ladders and baskets, individual cables and cable bundles up to 100 mm diameter.

**Features & Benefits**

- Tested to EN 1366-3 with copper pipes, steel pipes, cabl trays/ladders/baskets, individual cables and cable bundles
- Reinstates the insulation requirements of the compartment when applied around uninsulated service penetrations
- Easy and fast installation
- Does not de-rate electrical cables

**Specification**

25 x 200 x 10 mm  
Tolerances: ±2.5 mm  
Density: 45 kg/m<sup>3</sup>  
Supplied in individual boxes



## FPI70

### Intucollar Intumescent Pipe Collar

up to  
240  
mins

Used to seal combustible pipes as they pass through fire compartment walls and floors

**Description**

FP170 Intucollar comprises of a stainless steel and a reactive intumescent lining. FP170 expands when exposed to fire, reinstating the fire performance of compartment walls and floors which have been penetrated by combustible pipes. FP170 can be used on flexible walls & rigid walls (100 mm or wider) and rigid floors (150 mm or wider). FP170 may additionally be used around insulated combustible pipes or continuously insulated non-combustible pipes.

**Features & Benefits**

- Up to 4 hours fire resistance- Tested to BS EN 1366-3
- Suitable on flexible & rigid walls, rigid floors
- Easy to install
- Water resistant
- Stainless steel shell

**Specification**

Available Sizes: 40, 55, 65, 75, 82, 90, 100-110,125, 140, 160, 200, 250, 315, 355 and 400 mm  
Colour: stainless steel



21/0183



Cert. No. UL-EU-01113-CPR



## FS712

### Intucoat Brush



up to  
240  
mins

A water based acrylic coating and adhesive

**Description**

FS712 may be used in conjunction with FB750 Intubatt, FB770 Intudeck and FJ220 Intubatt 3 as a bonding agent, both to substrate and cut piece, and a surface repair coating.

**Features & Benefits**

- Up to 4 hours fire resistance - Tested to EN 1366-4, EN 1366-3 and BS 476 Pt 20-22 in conjunction with FB750 Intubatt, FB770 Intudeck or FJ220 Intubatt 3
- Air seal up to 2,000 Pa
- Provides a tested smoke seal
- Optifire™ unique traceability identifier

**Specification**

Supplied in 5 litre can



## FP220

### Service Sleeve

up to  
240  
mins

A practical solution for fire sealing combustible pipes and ducting

**Description**

A pipe closer device, comprising of an intumescent material within a stainless steel shell that is positioned around combustible pipes to provide up to 4 hours fire protection. Designed specifically to provide a low cost solution for fire sealing combustible pipe penetrations as they pass through fire compartment walls and floors, whilst completely protecting the cavity within stud work walls. In a fire, the intumescent lining within the metal sleeve expands and crushes the heat softened plastic pipe leaving a potential path for fire completely sealed. Intusleeve is a perfect solution for angled pipes.

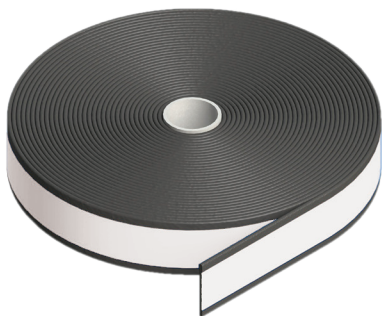
**Features & Benefits**

- Up to 2 hours fire resistance- Tested to EN 1366-3
- Ultra-slim body deisgn ensures easy installation and reduces time on-site
- No fixings
- Unaffected by moisture
- Simple solution for angled pipes

**Specification**

Circular, diameters: 40, 55, 63, 82, 110, 125 & 160 mm  
Standard length: 220 mm  
Length may be increased to suit angled pipe requirements  
Rectangular sleeves also available  
Colour: stainless steel (silver)





## FP302

### Intustrap Intumescent Strap

up to  
240  
mins

A graphite impregnated intumescent product with high flexibility

**Description**  
FP302 is designed to close off combustible elements whilst maintaining compartmentation.  
FP302 is also a component product incorporated within many additional Nullifire fire stopping products.  
This product is most commonly used around combustible pipes with a diameter of between 10 mm and 160 mm and all types of pipe insulation up to 60 mm thick.

- Features & Benefits**
- Tested to BS EN 1366-3
  - Unaffected by moisture
  - Fully tested for up to 240 minutes integrity and insulation (dependent on application)
  - Available in easy to handle rolls
  - Simply link with duct tape

Specification
Packaged: 60mm x 4mm x 25m roll 1 per box



Cert. No. UL-EU-01060-CPR



## FP333

### Trunking Infill

up to  
120  
mins

Provides a fire-tight barrier for trunking boxes where freuent changes to cabling may be required

**Description**  
FP333Trunking Infill is a fire resistant compressible foam strip layered with high expansion intumescent material produced in three sizes. FP333 is designed to provide a permanent fire barrier within trunking boxes passing through fire compartment walls.

- Features & Benefits**
- Up to 2 hours fire performance- Tested to BS EN 1366-3
  - Integrity, insulation and smoke seal
  - Zero fibre migration
  - Three standard sizes to allow for complicated service conditions

Available Sizes
29 x 47 x 333mm ; 29 x 97 x 333mm 29 x 147 x 333mm to suit 50/100/150mm trunking box widths All available in individual units



## FII40

### Shutter Slab

up to  
240  
mins

A rigid, moisture resistant, non-combustible, rock mineral wool slab

**Description**  
FII40 is to be used as a shutter/dam for our Nullifire FR230 Intucompound Fire Mortar, for use in fire compartment separating walls & floors.

- Features & Benefits**
- Non-combustible: Euroclass A1 to EN13501-1
  - Easy to cut
  - Durable and non-hydroscopic
  - Rot proof, does not sustain vermin
  - Excellent acoustic properties, up to 50 dB
  - Excellent thermal properties: 0.038 W/mK
  - Odourless

Specification
Standard sizes: 1200 x 600 x 50 mm Density: 140kg/m³



## FJ203

### Fire Rated Woven Rope

up to  
240  
mins

A non-combustible fire resistant woven rope

**Description**  
FJ203 is made of rock mineral fibre, and sheathed with flexible glass wires to make an easy to handle expansion joints product. It has been designed to reinstate the fire compartment requirement, where expansion joints have been formed within masonry / concrete elements, in walls and floors.

- Features & Benefits**
- Up to 4 hours fire resistance- Tested to EN 1366-4
  - 20% movement capability (tested during fire test)
  - Up to 150 mm joint width
  - Suitable for irregular joints
  - Easy to cut, easy to apply
  - EDF nuclear approval

Specification
Supplied in individual rolls or 2x2 m lengths, depending on size requested.







## FS702

### Intumastic Fire Resistant Acrylic



A water based acrylic sealant which cures to give a firm but flexible fire seal. Used to repair damage or bond to FB750 Intubatt

#### Description

FS702 is suited for use around non-combustible services, cables, rock fibre insulated non-combustible pipes, using a minimum depth of 25 mm. FS702 has excellent adhesive qualities and can be used for bonding and pointing of joints and service penetrations in conjunction with FB750 Intubatt systems.

#### Features & Benefits

- Up to 4 hours fire resistance- tested to EN1366-4, EN1366-3 and BS 476 Pt 20-22
- Suitable for flexible walls and rigid walls & floors.
- Acoustics up to 55dB and air seal up to 2,000 Pa
- Optifire and Optifire+™ unique traceability identifiers

#### Specification

Gun Grade: 310ml cartridges (12 per box/25 per box)  
600ml sausages (12 per box)  
400 ml sausages (15 per box)  
Trowel Grade: 5 Litre Bucket  
Colour: white (grey available on request) Can be over-painted.



22/0064 Penetrations  
22/0063 Linear Gap



21/0010 Penetrations  
20/1315 Linear Gap



Cert. No. UL-EU-01059-CPR  
(Penetrations)  
Cert. No. UL-EU-01062-CRP  
(Linear Gap)



## FS703

### Fire Resistant Silicone Sealant



Ideal for sealing movement joints where a fire rating is required

#### Description

FS703 is a low modulus, neutral cure, silicone sealant, suitable for linear gaps sealing in order to reinstate the fire performance in compartment walls and floors. Suitable for fire seal joints in compartment walls and floors, static linear joints (masonry to masonry/rigid wall/rigid floor/flexible wall) and window & door joints (masonry to timber/steel).

#### Features & Benefits

- Up to 4 hours fire resistance, tested to EN 1366-4
- Tested in gaps 10-220 mm
- Ideal for joints in flexible walls, rigid walls & floor, windows & door frames
- Airtight up to 600 Pa
- 25% Movement capability according to BS EN ISO 11600.
- 20% movement when used with FJ203 as a weather seal.
- Excellent tooling properties
- UV & weather resistance

#### Specification

Packaging:  
310 ml cartridges (12 per box)  
600 ml sausages (12 per box)  
Colours: white, grey or black



20/1215



APPROVED PRODUCT  
CF5326



## FS704

### Fire Resistant Hybrid



A non-sagging fire resistant sealant with excellent processing properties

#### Description

In a reaction with humidity from the air it forms a soft elastic sealant that shows good resistance to light, ageing and weathering. The film formation is approx. 45 minutes. Due to the fast-curing system the depth of curing after the first day is about 2.8 mm. FS704 is free of phthalates, isocyanates, and silicone. It is compatible to metals and to most construction materials. Contact with bituminous or tar containing surfaces can lead to discoloration.

#### Features & Benefits

- Up to 2 hours fire resistance- tested to EN 1366-4
- Up to 25% movement capability normal usage in building; not during fire
- Suitable for flexible walls and rigid walls & floors
- Tested for smoke leakage
- Acoustics: 66 dB
- Air permeability- up to 600 Pa

#### Specification

Packaging: 310 ml cartridges (12 per box) and 600 ml sausages (20 per box)  
Colour: white, grey



23/0536



## FS709

### HP Intumescent Sealant



A high pressure exerting, graphite intumescent mastic which when exposed to fire expands

#### Description

FS709 HP is designed to close off gaps and penetrations in compartment walls and floors, to provide up to 4 hours fire resistance. FS709 can be used on flexible walls & rigid walls (100 mm or wider), rigid floors (150 mm or wider), and also with FB750 Intubatt Coated Batt. This product has been formulated to close off combustible pipe penetrations in the event of a fire, negating the need for pipe closers or wrap systems. FS709 has been tested in a variety of service penetrations.

#### Features & Benefits

- Up to 4 hours fire resistance- tested to EN 1366-3 and EN 1366-4
- Versatile and easy to apply
- Tested with combustible pipes up to 125 mm, insulated non-combustible pipes up to 160 mm, cables, cable trays/ladders/baskets (up to 500 mm), cable bundles (up to 100 mm)
- Can be used in FB750 Intubatt
- Tested in openings up to 600x600 mm
- Tested for use in linear gaps up to 25 mm

#### Specification

Packaging: 310 ml cartridges (12 per box/25 per box)  
600 ml sausages (12 per box)  
Colour: anthracite



22/0065



20/1314



Cert. No. UL-EU-01061-CPR





FS719  
HP Blue for CPVC



A unique sealant, developed specifically for CPVC materials.  
A distinctive blue colour, for easy identification and traceability

Description

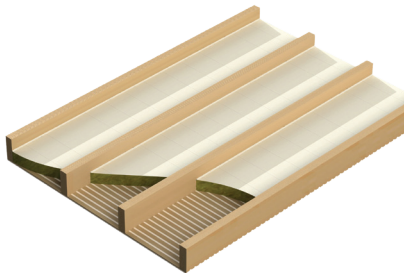
FS719 is a powerful product, designed to close CPVC, only when the pipes are deteriorating under fire conditions. Approved for use by Lubrizol CPVC pipe manufacturer, and registered as such for use around Flowguard, Blazemaster, Corzan, etc. FS719 is used to reinstate the compartment fire performance of compartment lines (walls & floors) which have been breached by CPVC combustible sprinkler systems.

Features & Benefits

- Up to 4 hours fire resistance- tested to EN 1366-3
- Versatile and easy to apply
- Can be used with FB750 Intubatt
- Tested in openings up to 365 x 700 mm

Specification

Packaging: 310 ml cartridges  
(25 per box)  
Colour: blue



FB770  
Intudeck - Timber Floor Upgrade



Ideal where ceilings cannot be disturbed or where lower floor occupancy does not allow fire upgrade

Description

FB770 Intudeck is a rock mineral fibre board coated on one side with a smoke and fire resistant sealant. Light weight and quick to install, FB770 can be cut to suit on site and fitted using compression and FS702 Intumastic bonding between joists. Ideal where decoative ceilings cannot be disturbed or accessed due to lower floor occupancy. FB770 may be used to upgrade the compartment capability to 90 minutes fire Integrity and Insulation (EI 90) whilst maintaining the load capability of the floor.

Features & Benefits

- Tested to BS EN1365-2 (loaded floors) and to BS 476 Pts 20-22 (non-loaded floors): up to EI 90 and BS EN 1366-3.
- Simple installation method
- Does not disturb ceilings or damage ornate coving
- 40 dB acoustic performance

Available Sizes

600 x 1200 x 70 mm  
Supplied individually in clearly identifiable packaging (or in pallet quantities)  
Double coated option available.



FF197  
Fire Rated PU Construction Foam



A moisture-curing foam that can provide up to 4 hours fire integrity to openings in masonry construction

Description

FF197 is a modified, single component, fire rated polyurethane foam. Used to seal door frames, and linear gaps throughout the fire rated areas of a building.

Features & Benefits

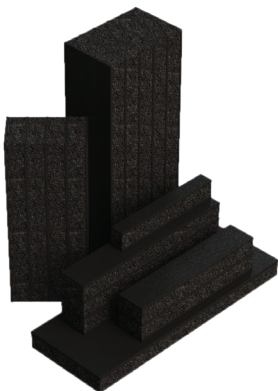
- Tested to BS EN 1634-1 (fire door) : FD60 performance achieved
- Tested to BS EN 1366-4 (linear gaps): up to 4 hours fire resistance
- Cures to form a semi-rigid foam that is able to accomodate some degree of movement of the joint
- Acts as an effective fire seal for up to 4 hours (BS EN 1366-4) when used with Intumastic (FS702) intumescent acrylic or Intusil (FS703) silicone sealant and installed in full accordance to our tested solutions and recommendations.

Specification

Supplied in 750 ml aerosol containers (12 per box)  
Colour: grey







FJ400  
Intuspan Intumescent Joint Filler



Joint filler providing a high level of movement suitable for gaps up to 100 mm

**Description**  
FJ400 Intuspan is an extremely compressable, foam based, joint filler. The product is black in colour, and consists of foam layers between high expansion intumescent layers. It provides a high level of physical movement, and can offer up to 2 hours integrity and insulation, with no adhesive required in most situations.  
FJ400 is used to reinstate the performance of fire compartment lines, both walls and floors, where construction joints require a physical movement seal and a specific fire rating.

- Features & Benefits**
- Up to 2 hours fire performance- Tested to BS EN 1366-4 and BS 476 Pt 22
  - Ideal for high vibration areas.
  - Easy to install by hand
  - Suits vertical & horizontal joints, and head of walls.

Available Sizes
Available in a range of sizes - contact technical for more information All available in individual units Colour: black



A Safe Space to Stop Fire Spread

Nullifire’s selection of closed and open state cavity barriers are tested to many construction materials. We offer a huge selection of high performance results, utilising different substrates, different insulation types and a variety of cavity widths and air gaps.

The reactive material within our ventilated cavity products meets and exceeds the requirements of ASPTGD19, and has been tested and assessed accordingly (certification / assessment can be provided on request).

Ventilated cavity barriers prevent the spread of fire and hot gases through the cavity wall, by sealing off the gap in the cavity when exposed to fire. Keeping the fire contained in a compartmentalized space for the specified period allows people the planned time to evacuate, and permits emergency services to confidently enter the building.



FJ220  
Intubatt 3 Cavity Barrier



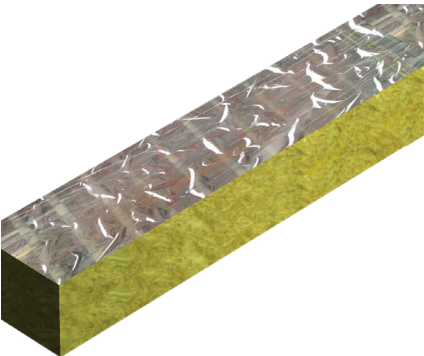
A rock fibre compressible slab, with an ablative coating to provide a fire and smoke

**Description**  
FJ220 is a rock fibre compressible slab, with an ablative coating to provide a fire and smoke seal. Available in 2 options: single coated for horizontal seals. FJ220 is supplied pre-configured, ablative coated and factory cured.

- Features & Benefits**
- Up to 2 hours fire resistance- Tested to both BS 476 20-22 and BS EN 1366-4
  - Cost effective solution
  - Easy to install and inspect
  - 52 dB acoustic performance
  - Optifire™ unique traceability identifier

Available Sizes
1200 x 600 x 100 mm ±3 mm Colour: off-white (coating)





## FJ240 Spanatherm



Provides a fire-tight barrier for trunking boxes where frequent changes to cabling may be required

**Description**

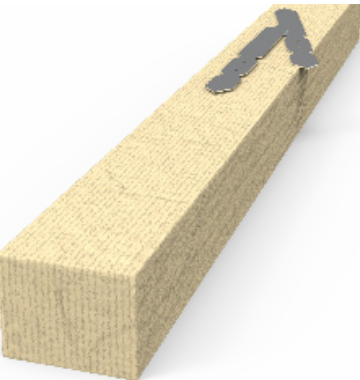
FJ240 Spanatherm is a strong pre-engineered rock fibre movement-joint fire seal, vertical fibre orientation, that allows significant movement accommodation at the same time as providing fire integrity, insulation and an effective smoke seal. FJ240 is a dense rock mineral fibre board Class A1 core with a BC0 aluminium foil applied to two faces. This provides a vapour barrier and a smoke seal when correctly sealed.

**Features & Benefits**

- Up to 2 hours integrity and 90 minutes insulation - Tested to BS 476 20-22
- Dry fit system
- Easy to install and can be installed prior to the application of the cladding system
- Vapour, smoke and acoustic seal

**Available Sizes**

1200 x 600 x 100mm thick slabs.  
Supplied individually (or in pallet quantities)



## FJ260 Cavity Barrier



A non-ventilated or closed state cavity barrier made of rock mineral wool

**Description**

FJ260 is designed for use in cavities up to 600 mm and requires a minimum of 5 mm compression when fitting.

**Features & Benefits**

- Up to 120 minutes fire resistance tested to EN 1366-4 (up to EI 120)
- Reaction to Fire class A1
- SFS systems tested with calcium silicate or cement particle boards
- Suitable for use vertically and horizontally

**Available Sizes**

Supplied as slab of 1003 x 605 x 102 mm and can be cut to size to suit the cavity width.  
Colour: Light yellow, natural unfaced mineral wool.



## FV025 Small Ventilated Cavity Barrier



Suited to an horizontal open state cavity of up to 25 mm

**Description**

FV025 is manufactured from a directionally expansive intumescent material encapsulated in a foil barrier. In the event of a fire, it closes the remaining free air gap (in front of the 4 mm thick cavity barrier) of 21 mm.

**Features & Benefits**

- Up to 60 minutes fire resistance
- Lightweight- easy & quick to install
- Low smoke zero halogen high expansion intumescent material
- Not affected by moisture

**Available Sizes**

Length: 1000 mm  
Height: 35 mm  
Thickness: 4 mm  
Colour: silver



## FV050 Small Ventilated Cavity Barrier



Suited to an horizontal open state cavity of up to 50 mm

**Description**

FV050 is manufactured from a directionally expansive intumescent material encapsulated in a foil barrier. In the event of a fire, it closes the remaining free air gap (in front of the 6 mm thick cavity barrier) of 44 mm.

**Features & Benefits**

- Up to 120 minutes fire resistance.
- Lightweight- easy & quick to install
- Low smoke zero halogen high expansion intumescent material
- Not affected by moisture
- Specifically tested for hardie plank

**Available Sizes**

Length: 1000 mm  
Height: 75 mm  
Thickness: 6 mm  
Colour: silver





# FV065

## Small Ventilated Cavity Barrier



A fire rated product designed to be used as a cavity barrier up to 65mm wide within external walls

**Description**  
FV065 is used horizontally to close off a cavity of 65 mm which allows for building tolerances of up to 15 mm (above the typical maximum cavity ventilation requirements of 50 mm).

- Features & Benefits**
- Suitable for masonry and brickwork external substrates
  - Ventilated design – allows maximum ventilation of uninsulated cavities reducing the need for cavity trays, socks or weepholes
  - Lightweight for easy and quick installations
  - Provided in rolls of 6.3 m long offering space and labour savings
  - Moisture resistance packaging

Available Sizes
Length: 6300 mm Height: 75 mm Thickness: 6 mm Colour: white



# FV125

## Large Ventilated Cavity Barrier



A specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal attached to the leading edge

**Description**  
FV125 is used within a cavity of up to 450 mm and maximum air gap of 25 mm (in front of the 4 mm thick cavity barrier).

- Features & Benefits**
- Up to 180 minutes fire resistance
  - Optimised to 60 minutes fire resistance
  - Fixing brackets included
  - Lightweight for easy and quick installations
  - Tested with cement particle board

Available Sizes
Length: 1000 mm Height: 75 mm Thickness: 4 mm Colour: blue



# FVI44

## Large Ventilated Cavity Barrier



A specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal

**Description**  
FVI44 is used within cavity up to 450 mm with maximum air gap of 44 mm (in front of the 6 mm thick cavity barrier).

- Features & Benefits**
- Up to 180 minutes fire resistance.
  - Fixing brackets included
  - Lightweight for easy and quick installations
  - Tested with timber frame systems

Available Sizes
Length: 1000 mm Height: 75 mm Thickness: 6 mm Colour: blue



# FV225

## Large Ventilated Cavity Barrier



A specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal attached to the leading edge

**Description**  
FV225 is a specially formulated fire rated rock mineral fibre section with an integral high expansion intumescent seal. It's used within a cavity of up to 450 mm with a maximum air gap of 25 mm (in front of the 4 mm thick cavity barrier).

- Features & Benefits**
- Up to 180 minutes fire resistance
  - Optimised to 120 minutes fire resistance
  - Fixing brackets included
  - Lightweight for easy and quick installations
  - Tested with timber frame systems

Available Sizes
Length: 1000 mm Height: 75 mm Thickness: 4 mm Colour: blue



# Testing & Certification

At Nullifire, we are able to assist with a comprehensive selection of passive fire protection products, giving architects, specifiers, and contractors the ability to achieve fire protection requirements within any building structure.

Working closely with our in-house technical team, 3<sup>rd</sup> party accredited installers can deliver the best possible and most cost-effective fire protection solution, without compromising on quality or safety.

As the sole manufacturer to offer both intumescent coatings and fire stopping products, we are uniquely positioned to offer a full package to suit all project requirements. Nullifire's passive fire protection products, in combination with technical support and expert advice, gives all parties peace of mind and assurance of local building code compliance.

Our passive fire protection products undergo initial validation assessments at our in-house facilities prior to undergoing rigorous independent 3<sup>rd</sup> party testing with leading UKAS test houses, resulting in the following accreditations:

- BS EN 1366-3
- BS EN 13501-2
- EAD 350454-00-1104
- CE Marking
- UL-EU Certification

Nullifire, as part of Tremco CPG is an active participant in BSI standards, CEN working groups and the ASFP.



Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



Tremco CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today's construction industry. With over 1,400 employees across Europe, we are committed to being by your side to shape a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

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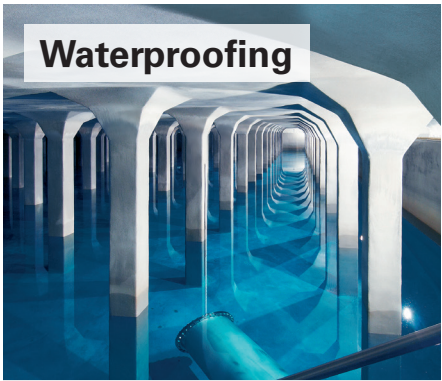
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