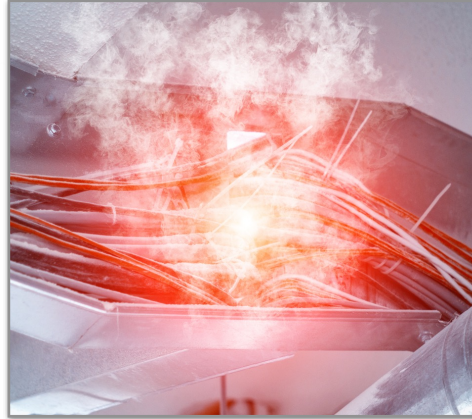


Flamingo Fire Protection

Professional Installation of Fire Protection Systems



Focus on fire prevention

The safety of buildings is an essential element to ensure protection for persons and their property in the event of a fire hazard. What's more, fire protection of buildings is an important requirement for building and using construction buildings. To fulfil all fire safety requirements for buildings there is a need for a lot of technical and legal knowledge in this area.

The case is particularly important if we consider that the fire protection of buildings is intended to protect the life and health of ours and others. It is worth remembering to put the matter in the hands of specialist.

Flamingo Fire Protection is highly skilled and experienced team that knows the fire protection processes of buildings. Flamingo Fire Protection provides installation of fire stopping systems used in retail, commercial, industrial, data centers and government buildings. We will also professionally take care of your order so that both - you and others who use the building can feel safe!

1

INNOVATION

We seek opportunities and encourage changes.

2

COMPETENCE

We offer expert knowledge and practical solutions.

3

TEAM WORK

We are proactive, hard-driving and easy to work with.



Flamingo Fire-
Protection Ltd
Passive Fire
Protection
Solutions for your
venue.



Location
6 Broadway,
Sheerness,
Kent
ME12 1AF



Contact

+44 7946466903

info@flamingo-
fp.com

www.flamingo-fp.com

The fire safety documentation is not an unnecessary bureaucracy, but it helps in the organization and control of the fire protection measures. In case of fire, it also provides important evidence.

Fire safety documentation is indispensable



In passive fire protection, the reliable implementation of all necessary measures is essential. The requirements for complete documentation are correspondingly high. As part of the fire protection documentation we carry measurement lists, before and after pictures of every single penetration, floor-plans, documentary evidence.

In addition to the proof of use (approval, test certificate, technical rule, European standard or European approval), it is important for the construction documentation that the specialist contractor explains that he has installed the

construction product or the type of construction according to the respective proof and the installation specifications have been observed.

MEASUREMENT

Detailed measurement list of penetrations and used systems.

PICTURES

Before and after pictures with visible label.

DRAWINGS

Marking fire protection seals on existing ground plans.

CERTIFICATE

System approvals, data sheets, declaration of compliance, etc.

Project: Hotel
Germany, FFM



Seal number	Location	Quantity	W/F/C	Size	System	Media type	Remarks
1/60/1	L57/Wall C/OH	1	W - F0	1300 x 500	LS/BC	cable tray	double execution
1/60/2	L57/Wall D/OH	1	W - F0	1300 x 500	LS/BC	cable tray	double execution
1/60/3	L57/Wall C/OH	1	W - F0	1300 x 850	LS/BC	cable tray	double execution
1/60/4	L57/Wall D/OH	1	W - F0	1300 x 650	LS/BC	cable tray	double execution
1/57/5	L57/Wall B/OH	1	W - F90	250 x 250	LS/BC	EMT	
1/60/6	L60/Wand H/OH	1	W - F30	1300 x 500	LS/BC	cable tray	double execution
1/60/7	L60/Wand H/OH	1	W - F30	1300 x 850	LS/BC	cable tray	double execution
1/60/8	L60/Wand H/OH	1	W - F30	1300 x 500	LS/BC	cable tray	double execution
1/60/9	L60/Wand H/OH	1	W - F90	1300 x 850	LS/BC	cable tray	double execution
1/60/10	L60/Wand A/OH	1	W - F30	150 x 150	LS/b.i.o.	cable bundle	
1/60/11	L60/Wand H/OH	1	W - F30	150 x 150	LS/b.i.o.	EMT	
1/59/12	L59/Wand D/OH	1	W - F90	450 x 1250	LS/BC	cable tray	double execution

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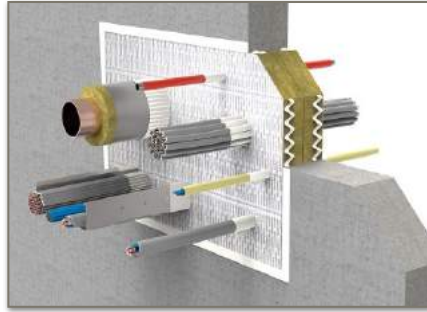
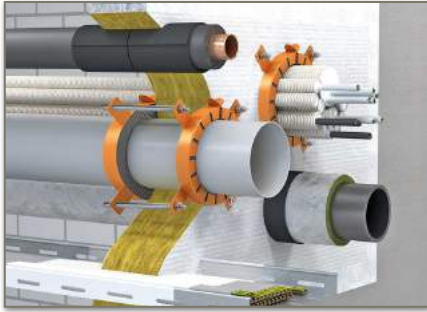
WHAT IS FIRE PROTECTION?

Fire stopping is often neglected as part of the building's design, but fire stopping or penetration sealing systems are a fundamental requirement of the fire safety design in buildings.

Flamingo Fire Protection offers professional installation of fire stopping systems in accordance to UL, FM, EN or DIN standards.



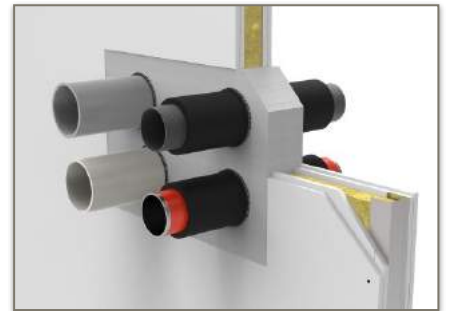
Mixed penetration sealing system made of mineral-fibre boards and ablative coating.
Fire resistance - up to EI 240 min.



Allowed services:

- Electric cables and lines of all types
- Fibre optic cable
- Waveguide cable
- Cable supporting structures made from steel, aluminum, plastic
- Non-combustible pipe conduits made from steel, stainless steel, cast iron and copper
- Combustible pipe conduits made from types of plastic

Mixed penetration sealing system made of fire-stop mortar.
Fire resistance - up to EI 240 min.



Allowed services:

- Electric cables and lines of all types
- Fibre optic cable
- Waveguide cable
- Cable supporting structures made from steel, aluminum, plastic
- Non-combustible pipe conduits made from steel, stainless steel, cast iron and copper
- Combustible pipe conduits made from types of plastic

Mixed penetration sealing system made of fire protection pillows.
Fire resistance - EI 90 min.

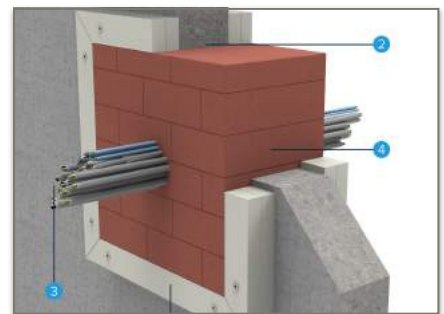
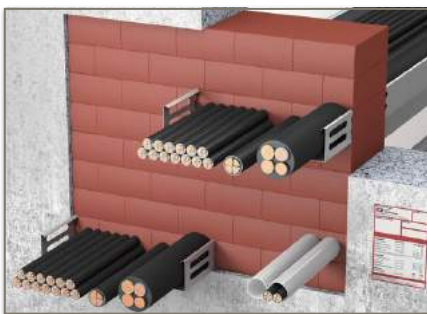


Allowed services:

- Electric cables and lines of all types
- Fibre optic cable
- Waveguide cable
- Cable supporting structures made from steel, aluminum, plastic
- Non-combustible pipe conduits made from steel, stainless steel, cast iron and copper

Can be used for permanent and temporary sealing.

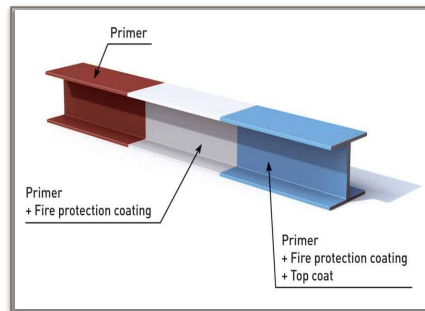
Mixed penetration sealing system made of foam blocks.
Fire resistance - EI 120 min.



Allowed services:

- Electric cables and lines of all types
- Fibre optic cable
- Waveguide cable
- Cable supporting structures made from steel, aluminum, plastic
- Non-combustible pipe conduits made from steel, stainless steel, cast iron and copper
- Combustible pipe conduits made from types of plastic

Intumescent Steel Coating Fire Protection Features - up to 120 min.



Intumescent coating, also known as intumescent paint, is an easy and efficient way to protect load-bearing elements of buildings against fire. Intumescent coatings protect steel from reaching structural failure temperatures and maintain structural stability for up to 120 minutes, giving the emergency services time to evacuate people from the structure and stop the fire. Intumescent coating is an increasingly used way of providing passive fire protection to the load-bearing structures, especially structural steel, which is becoming more and more popular in modern architectural design of both industrial and commercial buildings.

As a means of fire protection, intumescent coating presents several advantages:

- It does not modify the intrinsic properties of materials, for example, the mechanical properties;
- It is easily processed, and
- Different kinds of intumescent paint can be used on a variety of materials, such as steel, timbers, composite elements and concrete.

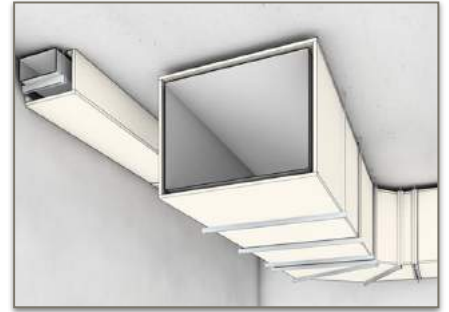
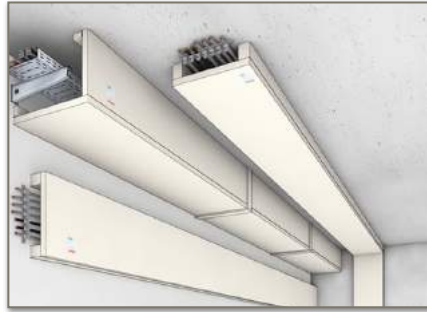
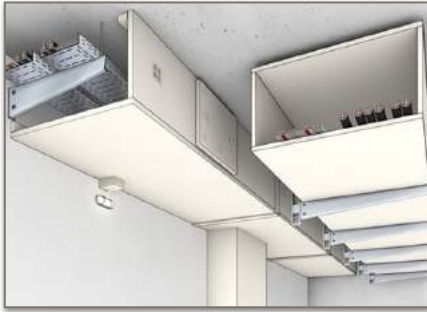
Intumescent coating delays the collapse of the structure through insulating the structural elements (columns, beams, floors and roofs) that support the building, thus helping achieve fire resistance levels specified in terms of time. Therefore, it fulfills the highest priority of passive fire protection: preventing the collapse of the building, allowing the time for safe evacuation of people from it and making it safer for the emergency services and rescue team

How do intumescent paints work?

Intumescent paint is a reactive coating which swells as a result of heat exposure, thus increasing in volume and decreasing in density. Specifically, an intumescent paint is a coating that reacts to heat by swelling in a controlled manner to many times its original thickness, producing a carbonaceous char formed by a large number of small bubbles that act as an insulating layer to protect the substrate.

Intumescent coatings include basecoat, primers and top seals - a complete system for fire protection and decoration of structural steel.

Fire Rated Ductwork Fire resistance - up to 120 min.



Ventilation and smoke exhaust ducts

- Cladding of Existing Steel Ducts (with lightweight calcium silicate boards)
- Self-Supporting Ducts (with lightweight calcium silicate boards)

Cable protection

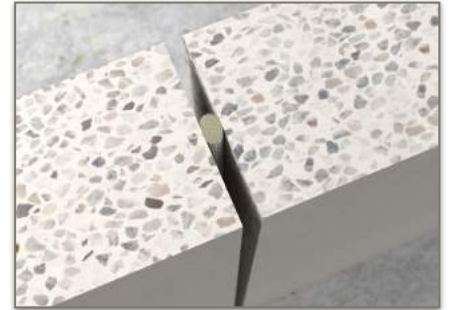
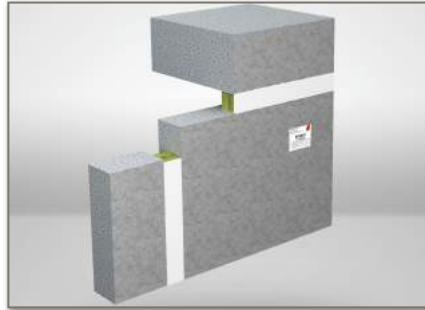
- External Fire (with lightweight calcium silicate boards)
- Internal Fire (with lightweight calcium silicate boards)

Other fire protection constructions systems Fire resistance - up to 240 min



- Ceilings, Floors and Roofs applications
- Partitions and Walls (external walls, shaft wall systems, timber frames, solid partitions, etc.)
- Steel framed structures (wind posts, column encasement, beam encasement, cellular beams, etc.)
- Smoke Barriers
- Revision Openings
- Concrete Deck Upgrades
- Fire Places and Stoves

Fire Protection Joint Seals Fire Resistance - up to 120 min.

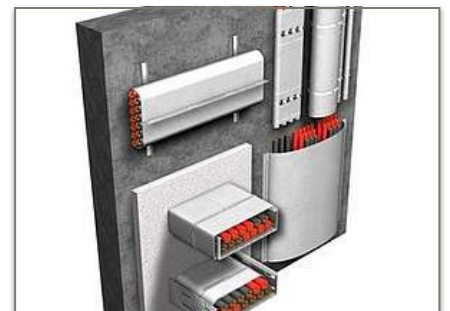


- Building construction joint seal for rigid walls, rigid floors

Line-shaped joint seal or fire barrier for temporary or permanent maintenance of fire resistance in linear columns / joints within solid wall constructions and ceilings in solid construction or where they connect to other wall / ceiling / roof structured provided.

Up to 25% movement capability!

Cable Bandage Fire Protection Systems Fire Protection Features - up to 120 min.



Preventive fire protection wrapping of cable systems in buildings, even in areas with constant moisture, industrial facilities and outdoors. Prevents and/or delays the fire spreading on cable lines with combustible insulation.

Reduces smoke and heat release. Effective as „Fire Stop“ by short circuit on cable lines and external sources. Support of redundant cable systems in nuclear facilities (KTA) and possible alternative measure for automatic fire extinguishing systems for these areas.

For all kinds of cables, cable bundles and trays.

Project: Lidl Luton Distribution Centre (Largest Lidl RDC in Europe)
Project Duration 2021 - 2022



Package value: £985 464.00

Building area size: 1.2 million sq foot

Scope of works:

- steel protection (intumescent coating)
- service penetration seals
- linear gap seals
- fire barriers
- finishing/decoration works

Project: MUC3, Amazon (first fully automated Amazon building)
Project Duration 2021



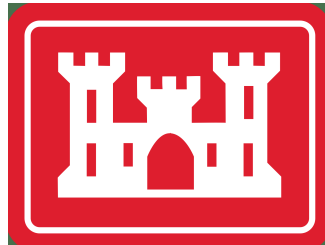
Package value: €460 000.00

Building area size: 110 thousand sqm

Scope of works:

- service penetration seals and linear gaps
- temporary seals to conveyor system
- design and installation of smoke systems to slab edges, supporting columns and glass windows

Project: USACE Corps of Engineers; CIC Consolidance Intelligence Center
Project Duration 2019 - 2020



Package value: €2.6 million

Building area size: 1.2 million sq foot

Scope of works:

- fire stopping for M&E package
- installation of fire protection bandage in access/egree routes
- fire rated ductwork for cable trays/ladders and smoke exhaust
- design and build fire rated enclosures for BMS panels
- fire stopping to cable tunnels in transformer building
- fire stopping on electrical raceways

Project: Nottingham City Hospital
Project Duration 2022



Package value: £160 000.00

Building area size: 110 thousand sqm

Scope of works:

- steel protection (intumescent coating and cladding with calcium silikat boards)
- head of walls improvement
- linear gap seals
- service penetration seals
- fire doors

Third party accreditation is held by select contractors who have undergone additional audits and quality control process in order to achieve a higher level of performance certification for their business.



CERTIFICATED INSTALLER OF PASSIVE FIRE PROTECTION

Certificate number: IFCC 3341

Certificate only valid if verified on website – www.ifccertification.com

This is to certify that

Flamingo Fire Protection Ltd

6 Broadway
Sheerness On Sea
Kent
ME12 1AF
Tel: 07946466903

Installers of the following passive fire protection systems:

***Service Penetration & Linear Gap Seals,
Steel Protection - Reactive Coatings & Timber Doors***

have successfully completed the requirements of IFCC schemes SDI 06, SDI09 and SDI14. This includes the inspection of installation of passive fire protection, assessment and verification of the Quality Control system, competency assessment of individuals (as listed in the company's client secure section of the IFCC website) and continuing surveillance including random site audits.



Initial Certification: 25 September 2020
Revised: 03 November 2022
Valid to: 24 September 2025
Issue status: Draft 4



175

A handwritten signature in black ink, appearing to read 'Ian Woodhouse'.

Ian Woodhouse
Director of Certification

IFC Certification Ltd, 20 Park Street, Princes Risborough, Buckinghamshire, HP27 9AH, UK
Tel: +44 (0)1844 275500 Fax: +44(0)1844 274002 E-mail: info@ifccertification.com Web: www.ifccertification.com
Registered No: 4777898 England

The certificate and schedule are held in force by regular annual surveillance visits by IFC Certification. The reader should contact IFC Certification to validate its status. This certificate remains the property of IFC Certification and must be returned to them on demand.



Thank you!