

FSi DEVELOP
MANUFACTURE
PROTECT

FIRE STOPPING & COMPARTMENTATION SYSTEMS



*Fire Stopping &
Compartmentation
Systems*





“Globally delivering Innovative
Fire Stopping, Acoustic and
Compartmentation Solutions”

What is Built-in Fire Protection?

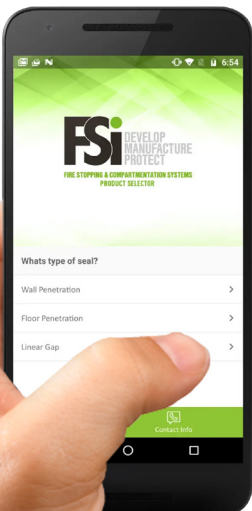
FSi Limited is the UK's largest independent manufacturer of Passive Fire Protection products, supplying innovative and well tested solutions to cover all market needs, both European and Worldwide. With its comprehensive systems, **FSi Ltd** is the partner of choice for all your built-in Fire Stopping requirements

For further information please go to our website
www.fsiltld.com

Built-in Fire Protection or **Fire Stopping** is a method of compartmentalisation within a building that needs to be protected against the passage of fire and smoke, whilst still allowing for the penetration of services through fire rated walls and floors.



Total Quality. Assured.



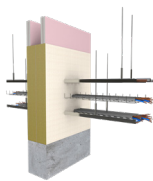
Passive Fire Protection
only one click away



Download Now

Penetration and Linear Joints

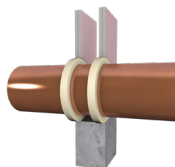
Stopseal® Batt



Stopseal® Batt is an Ablative Coated stone wool board used to reinstate the fire resistance performance of wall and floor constructions, where apertures are penetrated by single or multiple services. The Stopseal® Batt is a high performance, highly flexible product making cutting and installation simple and swift.

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 14-0005
- ASTM E2923:14
- CF513
- EN10140-2 – Airborne Sound
- EN1026 – Air Permeability

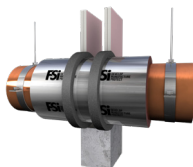
Pyrocoustic® Sealant



Pyrocoustic® Fire Resistant Sealant is a water based acrylic sealant used to reinstate the fire resistance of wall and floor constructions in linear joints and where apertures are penetrated by multiple services. Pyrocoustic® Fire Resistant Sealant has been developed utilising specialist polymer technologies allowing it to be tested and certified to internationally recognized standards, including, Certifire, CE marking and UL Listings.

- EN1366-3 – Penetration Seals
- EN1366-4 – Linear Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 13-1069 & ETA 13-1070
- ASTM E2923:14
- EOTA TR024 – X Type
- CF517
- EN10140-2 – Airborne Sound
- EN1026 - Air Permeability

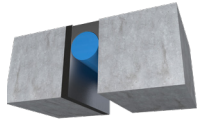
PyroPro HPE® Sealant



PyroPro® HPE Sealant has been developed utilising specialist intumescent technologies which result in the sealant expanding in the presence of heat or fire. This expansion is fast acting and up to 25 times. The expanding sealant fills the void left by combusting materials and remains in place, exerting a pressure on the surrounding substrate upholding the fire resistance of the compartment.

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 14-0044
- EOTA TR024 – X Type
- CF5127
- Lubrizol Approved
- ULEU Accreditation
- UAE Certificate of Compliance
- EN10140-2 – Airborne Sound
- EN1026 - Air Permeability

Pyrolastic® Silicone



Pyrolastic® Fire Resistant Silicone

Sealant is a one-part, neutral-curing, fire resistant silicone sealant for construction. Pyrolastic® is used to reinstate the fire resistance of wall and floor constructions in linear joints and where apertures are penetrated by multiple services.

- EN1366-3 – Penetration Seals
- EN1366-4 – Linear Seals

- EN13501-2 – Fire Resistance
- CE Marked – ETA 15-0179
- EOTA TR024 – X Type
- CF511
- ULEU Accreditation
- UAE Certificate of Compliance
- EN10140-2 – Airborne Sound
- EN1026 - Air Permeability

NS Putty® Pad



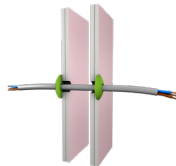
NS Putty® Pads are pre-cut ablative putty pads designed for easy application around single and double electrical sockets where fire resistance must be upheld in the event of a fire.

NS Putty® Pads can be installed across a variety of services and substrates including,

- Flexible and Rigid Walls
- Plastic and metallic socket boxes

- EN1366-3 – Penetration Seals
- Highly flexible, mouldable putty
- Simple to install
- Tested practically, with the installer in mind.
- Provides an acoustic seal.

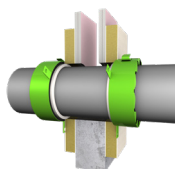
PenoPatch



PenoPatch is a putty based penetration sealing device for small cables and conduits in flexible and rigid walls. The PenoPatch is available in 60mm and 100mm diameter discs, it has also been tested to EN 1366-3.

- Easy installation.
- Up to EI60 fire resistance.
- 2 different size combinations, covering most small openings.
- Ideal for Historical Building Upgrades or new build.

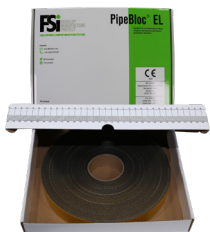
PipeBloc® PCP Collar



PipeBloc®PCP Collars are designed and tested to seal service penetrations in apertures containing plastic and metallic pipes with or without insulation and on bunches of cables. **PipeBloc®PCP** has been developed utilizing specialist intumescent technologies which result in the collar expanding in the presence of heat or fire. This expansion is fast acting and up to 25 times the original size.

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 15-0489
- EOTA TR024 – X Type
- CF5367
- ULEU Accreditation
- UAE Certificate of Compliance

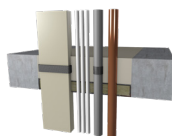
PipeBloc® Pipe Wrap



PipeBloc®Pipe Wrap is designed and tested to seal service penetrations in apertures containing combustible plastic pipes and pipes with insulation. The expanding wrap fills the void left by combusting materials and remains in place, exerting a pressure on the surrounding substrate upholding the fire resistance of the compartment. These are available in set size wraps (PipeBloc PWP Wrap) or in a 25mtr roll (PipeBloc EL).

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 15-0489 / ETA 15-0491
- EOTA TR024 – X Type
- CF5367 / CF5368
- ULEU Accreditation
- UAE Certificate of Compliance

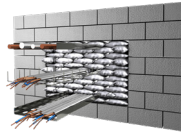
Silverseal® Compound



Silverseal® Compound is a Gypsum based mortar material used to reinstate the fire resistance performance of floor and wall constructions where apertures exist for the penetrations of multiple services. Silverseal® Compound, once cured has excellent load bearing capabilities and can be installed in large span openings. **Silverseal® Compound** is tested and Certified as part the FSi Fire Stopping range, Silverseal® Compound can be installed across a variety of services and substrates.

- EN1366-3 – Penetrations Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 14-0280 and ETA 15-0281
- ULEU Accreditation
- UAE Certificate of Compliance
- EN10140-2 – Airborne Sound
- EN1026 – Air Permeability

S-Line® Pillows

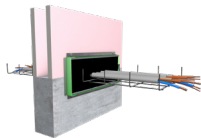
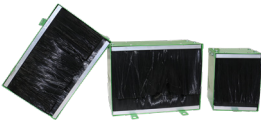


S-Line® Fire Pillows are filled with organic fillers and intumescent additives encased within a waterproof glass cloth bag.

S-Line® Fire Pillows are an ideal product to create a temporary or permanent fire barrier around multi-service penetrations to prevent the passage of fire through a compartment wall or floor, especially suitable where services are continuously being changed or replaced.

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CF514
- EN10140-2 – Airborne Sound
- EN1026 – Air Permeability
- IET (IEE) 17th Edition Fire Stop Compliant to Regulation 527.1-3- Electrical Installations.
- BS 7671- Chapter 42 & 52- Electrical Installations Fire Resistance.

Pass-it® Transit System

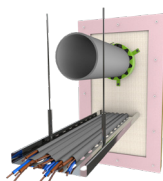


Pass-It® Transit System is a pre-assembled, intumescent device encased in a 2 part steel shell. It is designed to prevent the passage of fire between compartment floors as a pre-fit system as part of a modular build or retro-fit.

Pass-It® Transit System allows for multi-service penetrations, where there is a requirement to change the service on a regular basis or allows for the provision of services at the point of the being unknown. There are various sizes available depending on the number and size of the services. It can also be formed into a modular grid.

- To reinstate fire resistance through walls
- To allow for the penetration of multi-service penetrations
- Modular builds
- Regular changing of services
- Assumed working life 25 years
- For internal use
- EN1366-3 – Penetration Seals
- CF5237

Stopseal® Spray Coating



Stopseal® Ablative Coating is a highly advanced flexible coating for use when installing the Stopseal® Batt System. Used the seal in the Stopseal® Batt to reinstate the fire resistance performance of wall and floor constructions.

- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 14-0005
- ASTM E2923:14
- CF513
- ULEU Accreditation

PyroSeal 2k



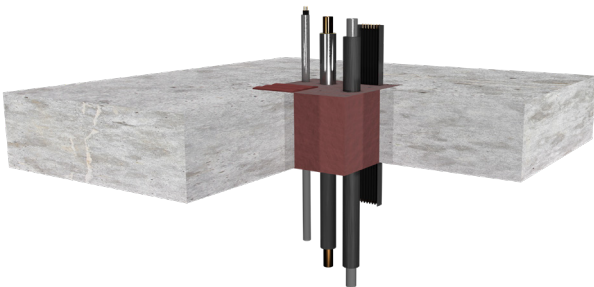
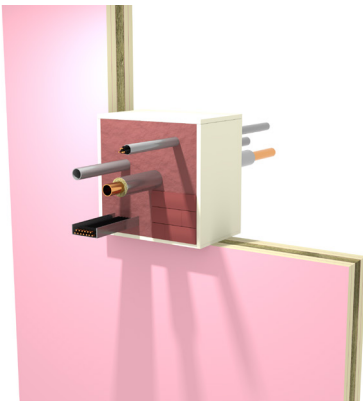
PyroSeal 2K Expanding Sealer is a 2-component polyurethane sealant system, manufactured with halogen-free intumescent fire retardants. On application the two components are mixed through a screw nozzle resulting in a reaction which causes the product to expand and swell around penetrating services.

Advantages:

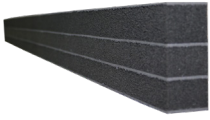
- Flexible, high performance 2-component PU Sealer
- Expands on application, filling apertures and openings quickly and cleanly
- Conditioned to Type Z1 in accordance with EOTA TR024.
- Tested in accordance with many major global certification standards
- Easy gunning and tooling
- Tested practically, with the installer in mind.
- Manufactured and tested alongside the entire **PyroSeal** System range.

Certification & Testing:

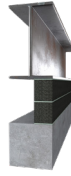
- Tested in accordance with EN1366-3 – Fire Resistance – Penetration Seals
- Classified in accordance with EN13501-2 – Fire Resistance
- Classified in accordance with EN13501-1 – Reaction to Fire
- CE Marked – ETA 18-0897
- Conditioned in accordance with EOTA TR024 – Z1 Type
- Tested in accordance with EN10140-2 – Airborne Sound
- Tested in accordance with EN1026 - Air Permeability
- Tested in accordance with EN12667 & EN12664 - Thermal Properties



Stopseal® Linear Gap Seal

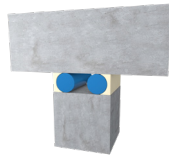


Stopseal® LGS is an intumescent thermoplastic filled with flame retardants and binders which provide a high performance volume expansion and pressure seal situated in an elastomeric, acoustic rated foam.



- IET (IEE) 17th Edition Fire Stop Compliant to Regulation 527.1-3 – Electrical Installations.
- BS 7671- Chapter 42&52 – Electrical Installations Fire Resistance
- EN10140-2 - Airborne Sound
- EN1026 - Air Permeability
- Tested alongside, cables, cable trays and cable trunking
- To reinstate fire resistance through walls and floors- linear seals
- Movement joints +/-25%
- Assumed working life 25 years
- Testing in accordance with BS 476pt 20/22 – Fire Resistance – 120 minutes Integrity
- CF507

PyroPro® LST

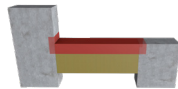


PyroPro®LST Fire Resistant Sealant is a water based acrylic sealant which has been developed utilising specialist materials which significantly reduce smoke and toxic fumes in the event of a fire, **PyroPro®LST** therefore is authorised for use on the London Underground network, and other underground networks.

- Authorized for use on the London Underground Network – Product ID 2199

- EN1366-3 – Penetration Seals
- EN1366-4 – Linear Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 15-0697 & ETA 15-0698
- ASTM E2923:14
- Conditioned in accordance with EOTA TRO24 – X Type
- CF517
- ULEU Accreditation
- ULUS Listing
- UAE Certificate of Compliance

Flexi Coat®

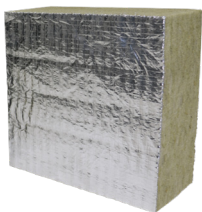


Flexi-Coat® is an ablative, highly advanced highly flexible coating for used to apply to uncoated stonewool boards to reinstate the fire resistance performance of wall and floor constructions where apertures are penetrated by single or multiple services. **Flexi-Coat®** has been designed to be used in an application where movement accommodation of +/- 25% is required. **Flexi-Coat®** is ideal for slab edge applications and movement seals.

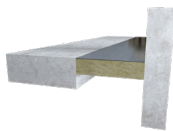
- EN1366-4 – Linear Seals
- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 13-1057 & ETA 15-0434
- CF5094
- ULEU Accreditation
- UAE Certificate of compliance
- EN10140 – Airborne Sound
- EN1026 – Air Permeability
- EN1027 – Water Permeability

Cavity Barriers

Paraflam® SEB

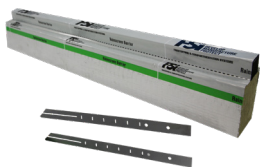


Paraflam®SEB is a non-combustible stonewool based product used to reinstate the fire resistance performance of wall and floor constructions, including ceiling cavities, slab edge void and underfloor upgrades. **Paraflam®SEB** has a foil facing which prevent fibre migration and provides an excellent smoke seal.

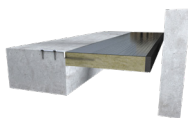
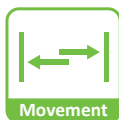


- EN1366-3 – Penetration Seals
- EN13501-2 – Fire Resistance
- CE Marked – ETA 16-0763
- CF5126
- ULEU Accreditation
- EN10140-2 – Airborne Sound
- EN1026 – Air Permeability

Silverliner® Cavity Barrier



Silverliner® Cavity Barrier is available in two versions Non-Ventilated and Ventilated. Both designed for different applications, the Non-Ventilated has a 25mm highly flexible intumescent component incorporated into it to allow movement in the cavity and to restrict the flow of moisture and air. The Ventilated allows for a 25mm gap to ensure movement of air and moisture within the building.

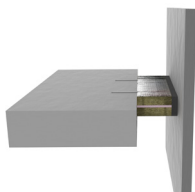


- Very fast installation
- Bracket fit system
- For use in voids up to 350mm wide
- Stone based, non combustible core
- Dry fit solution, no curing time
- Tested to BS 476pt 20/22
- Tested to DIN 4102 B2 ASFP Open State Cavity Barrier Test TGD 19

Tecnica® SEB



Tecnica®SEB is a pre-built, pre-cut, multi layered barrier designed to prevent the passage of fire between compartment floors at the edge of slabs, offering acoustic isolation and waterproofing whilst still allowing for building movement. The products have integral aluminium foil facings to prevent fibre migration and excellent resistance to smoke. All the **Tecnica®SEB** Range has a stonewool non-combustible base.



- EN1366-4 – Linear Joint Seals
- Tested to BS476pt 22
- EN10140-2 – Airborne Sound

Professional Sealants

Tecno-Sil® 620



Tecno-Sil® 620 is a low modulus neutral cure silicone sealant and has been developed for ease of application, speed of cure, excellent adhesion and tooling properties.



- EN 15651-1 F-INT-EXT CC
- EN 15651-2 G-CC
- Traditional construction joints to accommodate expansion and maintain stability.
- Light duty prefabrication including curtain walls metal coverings.
- Elastic seals in glazing applications on aluminium, wood and PVC.
- Heavy duty prefabrication (terrace, wall and facade panel joints)
- Ventilation ducts, piping passages, guttering
- Perimeter seals in aluminium, wood and PVC frames.

Tecno-Sil® 621



Tecno-Sil® 621 is a premium quality high modulus sanitary grade acetoxy silicone sealant that is easy to apply and tool leaving a professional finish.



- EN 15641-1 F-INT-EXT CC
- EN 15651-2 G-CC
- EN 15651-3 XS1
- Sanitary environments
- All classical glazing joints
- Door and window frames
- Cladding and curtain wall construction
- Portable buildings, caravans and containers
- Conservatories and greenhouses
- Heating, ventilation and air conditioning (HVAC) ducting
- Construction joints

Tecno-Cryl®



Tecno-Cryl® is a one part acoustic, water based acrylic sealant designed for internal use. Tecno-Cryl® is typically used for sealing linear joints and voids in walls and floors to maintain the acoustic, air and performance of a compartment.



Tecno-Cryl® is a high quality general purpose sealant with acoustic and offering a sound reduction of 63dB.

Tecno-Cryl® has good adhesion to a wide variety of common construction substrates without the need for a primer.

- EN 15651-1 F-INT
- Construction Joints
- Door frames
- Acoustic Seals
- Linear Fire Seals
- Dry lining

Tecno-Pol® 40



Tecno-Pol 40 is a high modulus, chemically curing, one component Polyurethane sealant for use in wall and floor joints and can be over-painted when cured. It has excellent adhesion to most common building substrates and remains permanently flexible.



- Tecno-Pol 40 can be used in facade elements for interior and exterior applications usable in cold climate.
- Tecno-Pol 40 can be used pedestrian walks for interior and exterior applications usable in cold climate.
- EN13651-1- F EXT-INT CC
- EN13651-4- PW EXT-INT CC

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