



**Tremlett & Turner**  
THE INTERIOR SPECIALIST

# FIRE PROTECTION SOLUTIONS

We are a UK and Northern Ireland company delivering full-service Passive and Active fire protection systems, specialising in the implementation of fully compliant solutions and auditable systems to meet the fire and life safety goals of clients across many sectors

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# Passive fire protection

## What is Passive Fire Protection?

Passive Fire Protection refers to the systems and materials incorporated into the structure of a building to enhance its fire resistance. These measures are designed to:

- Contain fires within the area of origin.
- Prevent the spread of flames, smoke, and toxic gases.
- Maintain the structural integrity of the building during a fire.

## Services we offer:

### Fire Stopping

Fire stopping involves sealing openings and joints in fire-rated walls and floors to prevent the spread of fire and smoke.

### Fire Dampers

Fire dampers are installed in ductwork to prevent the spread of fire and smoke through heating, ventilation, and air conditioning (HVAC) systems.

### Fire Doors

Fire doors are critical for maintaining fire-resistance-rated compartments, providing safe evacuation routes, and preventing the spread of fire and smoke.

### Structural Steel Protection

Applying fire-resistant coatings or encasements to steel beams, columns, and other structural components to prevent them from weakening or collapsing during a fire.

### Fire & Smoke-Resistant Curtains

These curtains provide robust fire and smoke resistance, containing the fire/smoke to its point of origin and preventing it from spreading to other areas of the building.

### Compartmentation Surveys

A compartmentation survey involves a detailed inspection of the fire-resistant barriers within a building, such as walls, floors, ceilings, and doors. The purpose is to identify any deficiencies or breaches that could compromise the building's fire safety strategy.

This includes inspection and investigation of:

- Penetrations in fire barriers (e.g., for pipes, cables, ducts)
- Gaps and unsealed joints
- Fire door functionality and compliance
- Integrity of fire stopping materials



# Active fire protection

## What is Active Fire Protection?

Active Fire Protection involves systems and devices that actively detect and suppress fires. Unlike passive fire protection, which contains fires, AFP systems intervene to control or extinguish fires.

They are designed to:

- Detect fires at an early stage.
- Alert occupants and emergency responders.
- Suppress or extinguish fires to minimise damage and protect life.

## Services we offer:

### Fire Detection and Alarm Systems

Early detection of fires is vital for prompt response and evacuation. Our advanced fire detection and alarm systems provide reliable, real-time alerts to safeguard your facility.

### Fire Sprinkler Systems

Fire sprinkler systems are one of the most effective methods of controlling and extinguishing fires. We offer design, installation, and maintenance services for various types of sprinkler systems.

### Fire Extinguishers

Fire extinguishers are a critical first line of defence against small fires. We provide a full range of fire extinguishers, along with installation and maintenance services.

### Fire Suppression Systems

We offer advanced fire suppression systems that use various agents to control and extinguish fires.

### Kitchen Fire Suppression Systems

Commercial kitchens require specialised fire suppression systems to handle cooking fires. Our solutions are tailored to protect kitchen environments effectively.

### Emergency Lighting and Exit Signage

Emergency lighting and exit signage are essential for safe evacuation during a fire. We provide comprehensive solutions to ensure visibility and guidance in emergencies.

### Fire Hydrant and Riser Systems

Fire hydrant and riser systems provide a reliable source of water for firefighting efforts. We offer maintenance and repair services for these systems.





# Special Risk Services

## Special Risks

We specialise in providing comprehensive fire services tailored to meet the unique needs of various industries. Our commitment to safety, quality, and innovation ensures that your facility is protected against fire hazards, ensuring peace of mind for you and your team.

## Industries We Serve:

### Industrial and Manufacturing

Our fire protection solutions are tailored to the unique challenges of industrial and manufacturing environments, ensuring compliance and safety.

### Commercial and Office Buildings

We provide fire services for commercial spaces, focusing on minimising disruptions and protecting assets.

### Healthcare Facilities

Specialised fire protection for Change to Health Care Facilities and clinics, prioritising patient safety and regulatory compliance.

### Educational Institutions

Ensuring the safety of students and staff with robust fire protection measures in schools, colleges, and universities.

### Hospitality

Customised fire safety solutions for hotels, nightclubs and restaurants to protect guests and property.

### Expertise and Experience

With years of experience in the fire safety industry, our team of certified professionals bring unmatched expertise to every project.

### Tailored Solutions

We understand that each facility has unique fire protection needs. Our solutions are customised to meet your specific requirements.

### Commitment to Safety

Your safety is our top priority. We adhere to the highest standards of safety and quality in all our services.

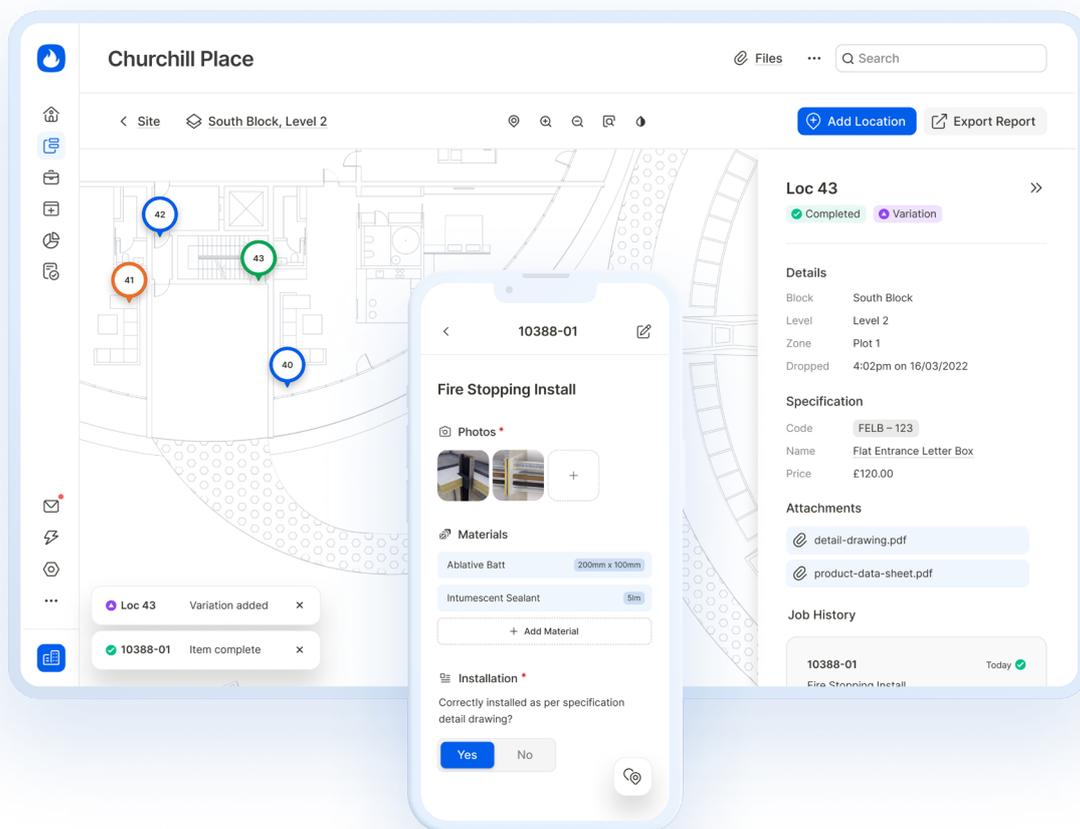




# the easy way to manage projects

Onetrace is a comprehensive software solution designed to streamline the documentation and management of passive fire protection (PFP) and other safety-related installations. The software is tailored to help fire safety professionals, contractors, and facility managers ensure compliance, enhance efficiency, and maintain accurate records of all fire protection measures.

Providing a centralised platform for documenting all PFP installations and inspections. Supporting detailed reporting on fire stopping, fire doors, and other passive fire protection elements.



Comprehensive reports compile all the on-site information collected.

All related photographic evidence and information is stored within pin locations placed over provided site drawings by our engineers on site, this ensures traceability and transparency.

With customisable forms and reports we can tailor your experience, adding essential data and removing unnecessary information to strengthen and streamline your data in a format that suites you.

QR (Quick Response) codes have become an integral part of digital transformation across various industries. They offer a seamless and efficient way to access information, making processes quicker and more efficient. Onetrace can leverage QR codes to optimise operations offering numerous benefits, including enhanced efficiency, accuracy, and security. By leveraging the power of QR codes, organisations can streamline their operations, improve asset, and inventory management, ensure better compliance, and provide real-time data access.

# Certifications and memberships

## BM TRADA

The BM TRADA Q-Mark certification stands as a beacon of quality and reliability across diverse industries, including construction, fire safety, and timber products. Obtaining the Q-Mark certification signifies a commitment to excellence and compliance. With its impartiality and accreditation by bodies like UKAS, the Q-Mark logo instils confidence in customers, regulators, and stakeholders, serving as a powerful testament to the consistent adherence to stringent quality and safety measures by certified organisations.



## SAFECONTRACTOR

SafeContractor is a leading UK accreditation scheme that recognises companies for maintaining high health and safety standards. Through rigorous assessments, it verifies compliance with legal requirements, highlighting a firm's commitment to safety for employees and clients. This accreditation enhances reputation and provides assurance of competence in health and safety management.

