DSP FIRE PREVENTION SERVICES

PASSIVE FIRE PROTECTION

At DSP Group, we specialise in delivering a full range of Passive Fire Protection Services (PFPS), with a proven track record spanning over five years in the industry. Our expertise extends across a diverse portfolio of residential, commercial, and industrial projects throughout the United Kingdom, supporting a broad client base with a current annual turnover exceeding £4 million.

We are committed to the principles of the Golden Thread of Information, utilizing fire-specific digital systems to ensure complete traceability, accountability, and compliance across all aspects of our service delivery. From the installation and remedial maintenance of fire doors to comprehensive compartmentation surveys, our work is underpinned by robust documentation and quality assurance at every stage.

Our approach to fire safety is holistic—combining passive fire protection, which focuses on containing and slowing the spread of fire through structural fire-resistant elements, with active fire protection systems, designed to detect, suppress, and extinguish fires efficiently.

This brochure aims to provide insight into our capabilities and how our team can support your fire safety objectives. We look forward to the opportunity to assist you in achieving full compliance and enhanced protection for your buildings and occupants

HOW WE ACHIEVE YOUR REQUIREMENTS

- Review fire strategy and fire risk assessments
- Arrange and coordinate a full site survey.
- Conduct the survey via the Bolster online portal.
- Provide client access to Systems for project tracking.
- Submit a detailed cost proposal for approval.
- Arrange supporting other Trades work as needed.
- Complete All Fire Installations to an accredited standards.
- Deliver a final report upon project completion.
- Issue a Certificate of Conformity for new installations.

We are fully accredited by FIRAS, demonstrating our commitment to quality, compliance, and third-party certification in all areas of fire door installation, fire stopping, and compartmentation. Our engineers and surveyors are professionally qualified, including memberships with the Institute of Fire Safety Managers (MIFSM), ensuring that all work is delivered to the highest industry standards.

DSP Group utilises fire-dedicated digital compliance platforms that maintain a live Golden Thread of Information, offering complete transparency and traceability across all passive fire protection activities. This includes detailed photographic records, GPS tracking, product certification, and compliance documentation – essential for meeting the requirements of the Building Safety Act and Fire Safety (England) Regulations.

Firefighter Safety and Health

1

Waking Watch Services Protecting What Matters Most

As fire safety professionals, we recognise the critical importance of safeguarding lives and properties — especially in high-risk situations such as construction, refurbishment, or when existing fire safety systems are compromised.

2

Tailored Waking Watch Solutions

At DSP Group, we specialise in delivering reliable, tailored waking watch services designed to provide immediate protection and reassurance. Our solutions are adaptable to the unique challenges of your site, ensuring 24/7 vigilance and rapid response in the event of fire risk.

3

Trusted Industry Experts

With extensive experience in the fire safety sector, our qualified team brings a wealth of knowledge and professionalism to every project. We are proud to be a leading provider of waking watch services across the UK — offering proactive, compliant, and effective risk mitigation for residential and commercial developments.

Why Choose Us?

- Expert fire safety personnel
- Comprehensive risk assessment and coverage
- Customised strategies to suit your needs
- Proven track record in high-risk environments

1

How We Can Help - Fire Compartmentation Surveys

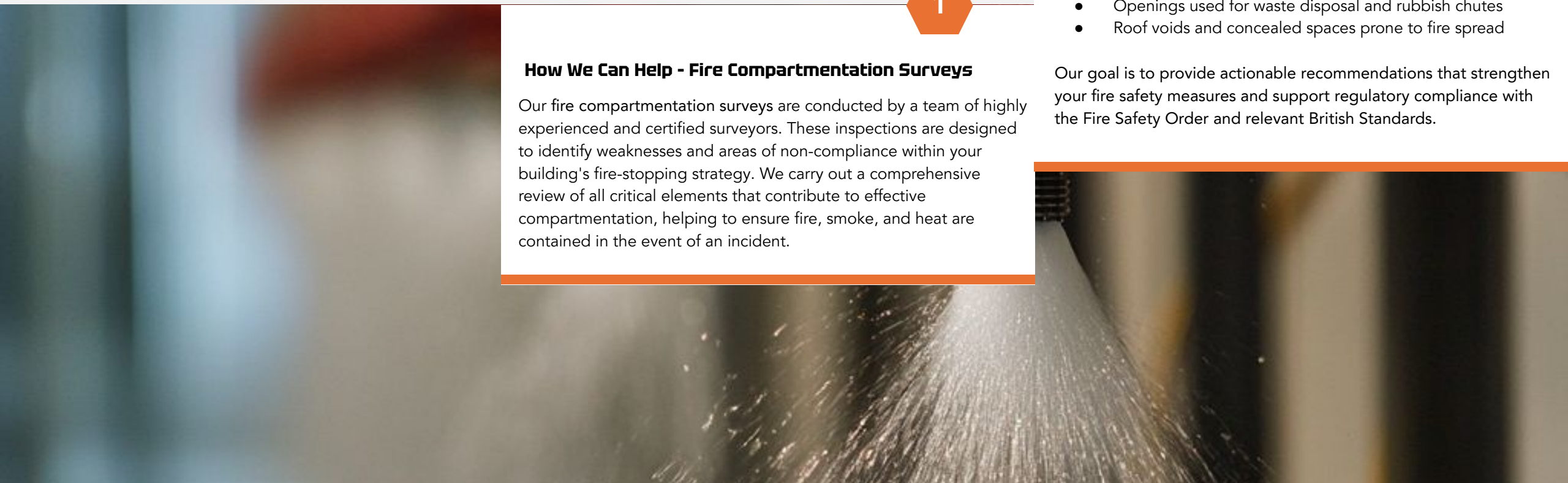
Our fire compartmentation surveys are conducted by a team of highly experienced and certified surveyors. These inspections are designed to identify weaknesses and areas of non-compliance within your building's fire-stopping strategy. We carry out a comprehensive review of all critical elements that contribute to effective compartmentation, helping to ensure fire, smoke, and heat are contained in the event of an incident.

2

During the survey, we assess:

- The condition and integrity of existing fire compartments
- Correct application of fire seals on service penetrations through fire-rated walls and floors
- Compliance and condition of fire doors, frames, and fire-resistant access hatches
- Fire integrity of riser cupboards and associated penetrations
- Air conditioning ducts, fire dampers, and ventilation systems connected to shared air supply
- Openings used for waste disposal and rubbish chutes
- Roof voids and concealed spaces prone to fire spread

Our goal is to provide actionable recommendations that strengthen your fire safety measures and support regulatory compliance with the Fire Safety Order and relevant British Standards.



FIRE RISK ASSESSMENT

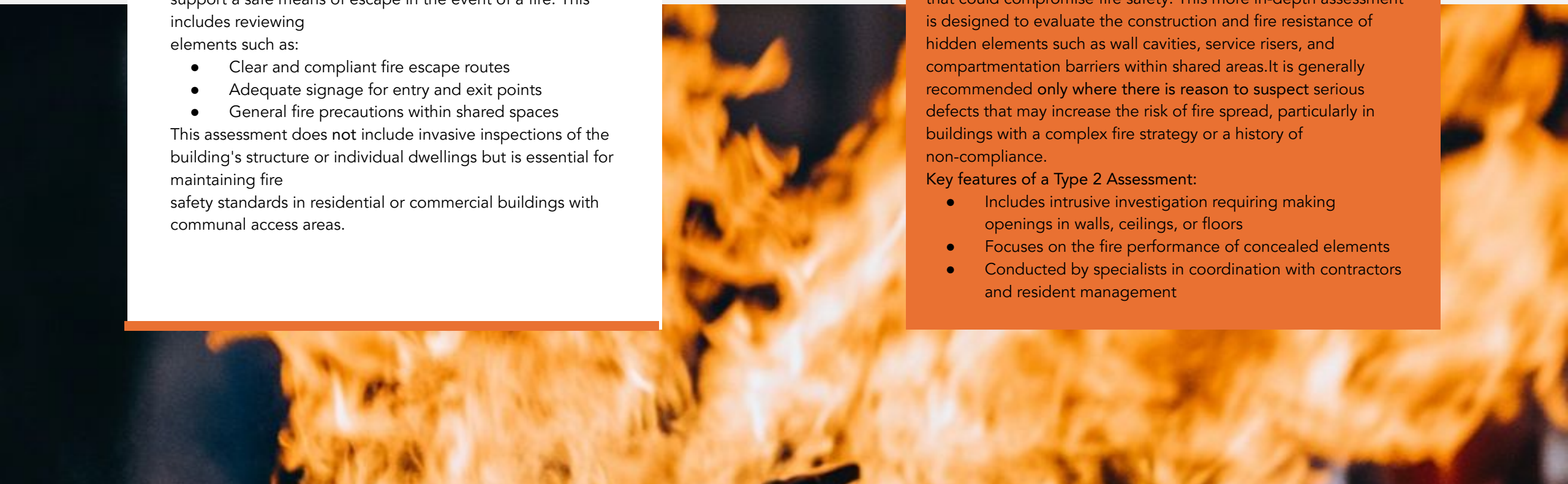
1

Type 1 Fire Risk Assessment

(Non-Destructive - Common Areas Only)
A Type 1 Fire Risk Assessment is the most frequently conducted assessment type and involves a non-destructive inspection of the building's communal areas.
Its primary focus is to evaluate the measures in place to support a safe means of escape in the event of a fire. This includes reviewing
elements such as:

- Clear and compliant fire escape routes
- Adequate signage for entry and exit points
- General fire precautions within shared spaces

This assessment does not include invasive inspections of the building's structure or individual dwellings but is essential for maintaining fire
safety standards in residential or commercial buildings with communal access areas.



2

Type 2 Fire Risk Assessment

(Destructive - Common Areas Only)
A Type 2 Fire Risk Assessment involves a destructive inspection of the building's communal areas and is typically carried out only when a Type 1 assessment identifies potential structural concerns that could compromise fire safety. This more in-depth assessment is designed to evaluate the construction and fire resistance of hidden elements such as wall cavities, service risers, and compartmentation barriers within shared areas.It is generally recommended only where there is reason to suspect serious defects that may increase the risk of fire spread, particularly in buildings with a complex fire strategy or a history of non-compliance.
Key features of a Type 2 Assessment:

- Includes intrusive investigation requiring making openings in walls, ceilings, or floors
- Focuses on the fire performance of concealed elements
- Conducted by specialists in coordination with contractors and resident management

FIRE RISK ASSESSMENT

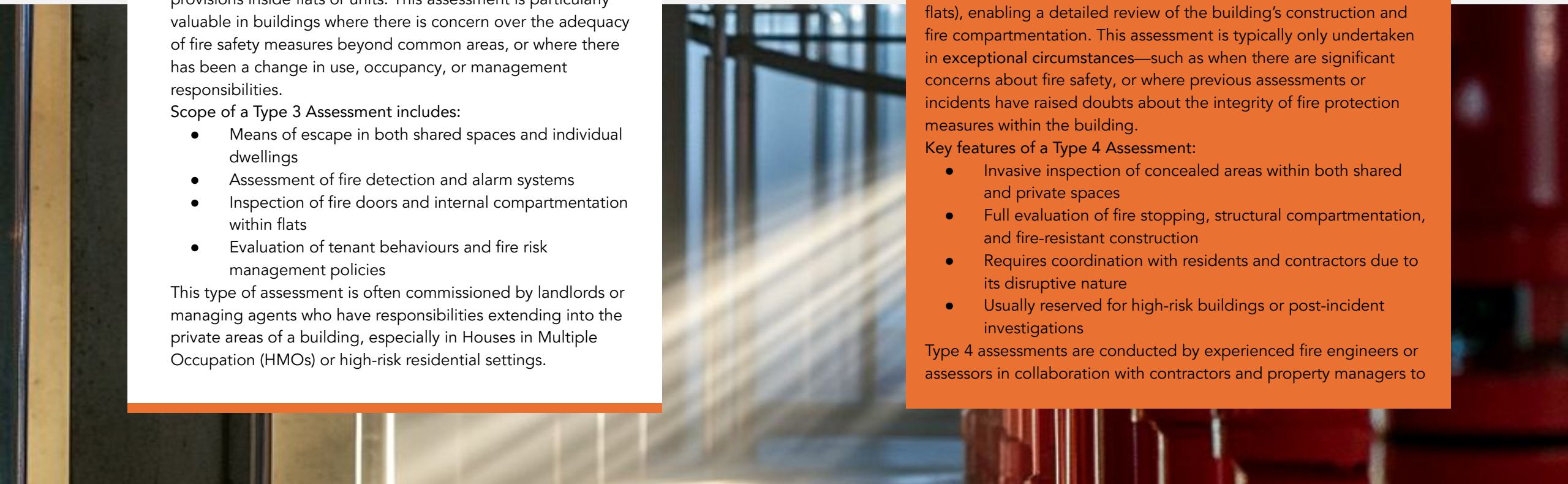
3

Type 3 Fire Risk Assessment

(Non-Destructive - Common Areas and Dwellings)
A Type 3 Fire Risk Assessment offers a comprehensive review of both the communal areas and individual dwellings within a building. It is non-destructive in nature and goes beyond the standard Type 1 assessment by also considering the fire safety provisions inside flats or units. This assessment is particularly valuable in buildings where there is concern over the adequacy of fire safety measures beyond common areas, or where there has been a change in use, occupancy, or management responsibilities.
Scope of a Type 3 Assessment includes:

- Means of escape in both shared spaces and individual dwellings
- Assessment of fire detection and alarm systems
- Inspection of fire doors and internal compartmentation within flats
- Evaluation of tenant behaviours and fire risk management policies

This type of assessment is often commissioned by landlords or managing agents who have responsibilities extending into the private areas of a building, especially in Houses in Multiple Occupation (HMOs) or high-risk residential settings.



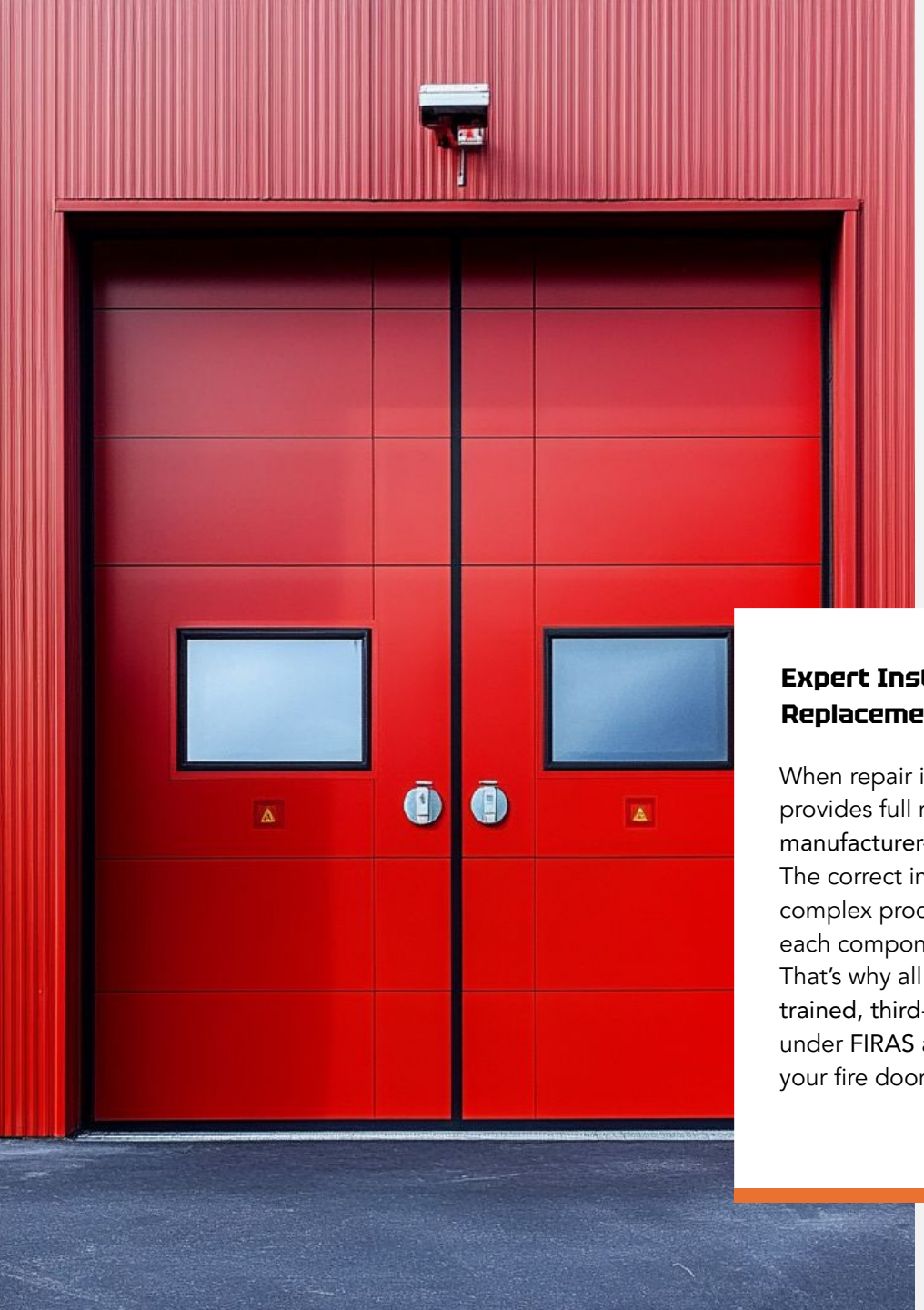
4

Type 4 Fire Risk Assessment

(Destructive - Common Areas and Dwellings)
A Type 4 Fire Risk Assessment is the most comprehensive and intrusive form of assessment, combining the scope of both Type 2 and Type 3 assessments. It involves destructive inspection within both communal areas and individual dwellings (e.g., apartments or flats), enabling a detailed review of the building's construction and fire compartmentation. This assessment is typically only undertaken in exceptional circumstances—such as when there are significant concerns about fire safety, or where previous assessments or incidents have raised doubts about the integrity of fire protection measures within the building.
Key features of a Type 4 Assessment:

- Invasive inspection of concealed areas within both shared and private spaces
- Full evaluation of fire stopping, structural compartmentation, and fire-resistant construction
- Requires coordination with residents and contractors due to its disruptive nature
- Usually reserved for high-risk buildings or post-incident investigations

Type 4 assessments are conducted by experienced fire engineers or assessors in collaboration with contractors and property managers to



Fire Door Solutions & Compliance Inspections

Article 17 of the Regulatory Reform (Fire Safety) Order 2005 makes it a legal requirement to ensure that fire resisting doors and escape doors are correctly installed and adequately maintained in order for them to be fit for purpose, these checks should ensure that the door remains fit for purpose.

Expert Installation & Replacement

1

When repair is no longer a viable option, our team provides full replacement of fire doors in accordance with manufacturer-approved fixing instructions.
The correct installation of a fire door set is a technically complex process that requires detailed knowledge of how each component contributes to fire safety performance. That's why all installations are carried out by our fully trained, third-party certified professionals—qualified under FIRAS and BM TRADA Q-Mark schemes—to ensure your fire doors meet all legal and safety standards.

Fire Door Supply & Customisation

2

We work collaboratively with building managers, landlords, and developers to specify and supply the most appropriate fire door sets for your premises. Our range includes:

- FD30 and FD60 solid core fire doors

Available in a wide variety of designs, styles, colours, and finishes. Ironmongery options fully factory-fitted or site-installed, with a choice of locking systems and access hardware. Fire doors sourced from design-certified suppliers and installed by third-party accredited installers can be provided with warranties of up to 10 years for both door sets and associated ironmongery.

Fire Door Solutions & Compliance Inspections

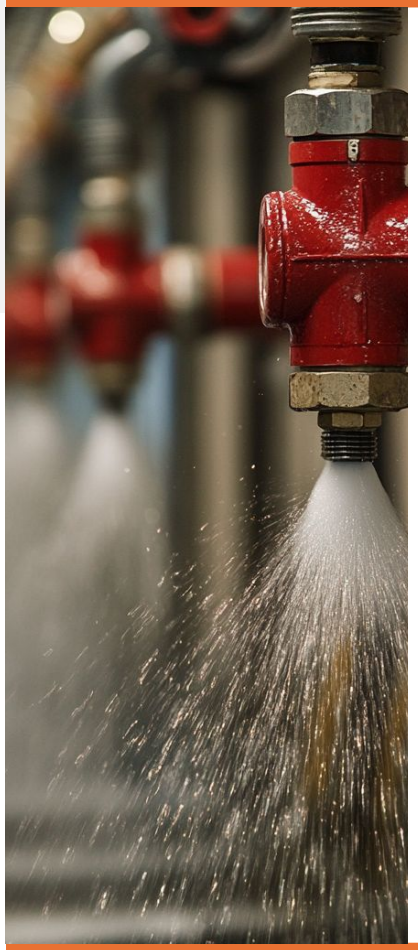
Comprehensive Fire Door Surveys

Our team of highly experienced fire safety consultants conducts **detailed fire door surveys**, assessing the overall condition and compliance of existing installations. We identify any areas that require maintenance, upgrade, or replacement to maintain legal compliance and ensure life safety.

Key Inspection Areas Include:

- Door leaf & frame
- Frame-to-substrate fire sealing
- Intumescent and smoke seals
- Hinges and all ironmongery
- Glazing
- Signage
- Threshold seals
- Finishes and surface integrity

We'll provide clear, actionable reports and recommendations, keeping you informed and compliant every step of the way.



Fire Door Inspection Frequency - Regulatory Guidance

In accordance with the **Regulatory Reform (Fire Safety) Order 2005** and best practice standards outlined in **BS 9999**, it is recommended that fire doors are inspected on a **six-monthly** and **annual** basis to monitor their condition and identify any signs of damage or non-compliance. However, in **high-traffic environments**—such as **schools, hospitals, residential blocks, and care facilities**—a more frequent inspection regime is strongly advised due to the increased wear and operational demand placed on fire doors.

Regular inspections ensure early detection of faults, helping to maintain the integrity of compartmentation, preserve evacuation routes, and support ongoing compliance with fire safety legislation.

Fire Safety (England) Regulations 2022 - Overview & Responsibilities

Legal Introduction

On 23rd January 2023, the Fire Safety (England) Regulations 2022 came into effect under Article 24 of the Regulatory Reform (Fire Safety) Order 2005. These new regulations were introduced in response to findings from the Grenfell Tower Inquiry, which highlighted critical failures in fire door performance.

Scope of the Legislation

The regulations apply to all multi-occupied residential buildings in England, regardless of height. They aim to strengthen fire safety measures, particularly around fire door inspection, resident communication, and ongoing compliance.

While all buildings are subject to the regulations, additional duties apply to buildings exceeding 11 metres in height.

Key Duties for Responsible Persons

Property owners and managing agents must now designate a Responsible Person who is legally accountable for ensuring that all fire safety elements are properly addressed within their premises. Failure to comply may result in enforcement action from fire and rescue authorities, including penalties and mandated safety improvements.Implications for Housing & Facilities Managers

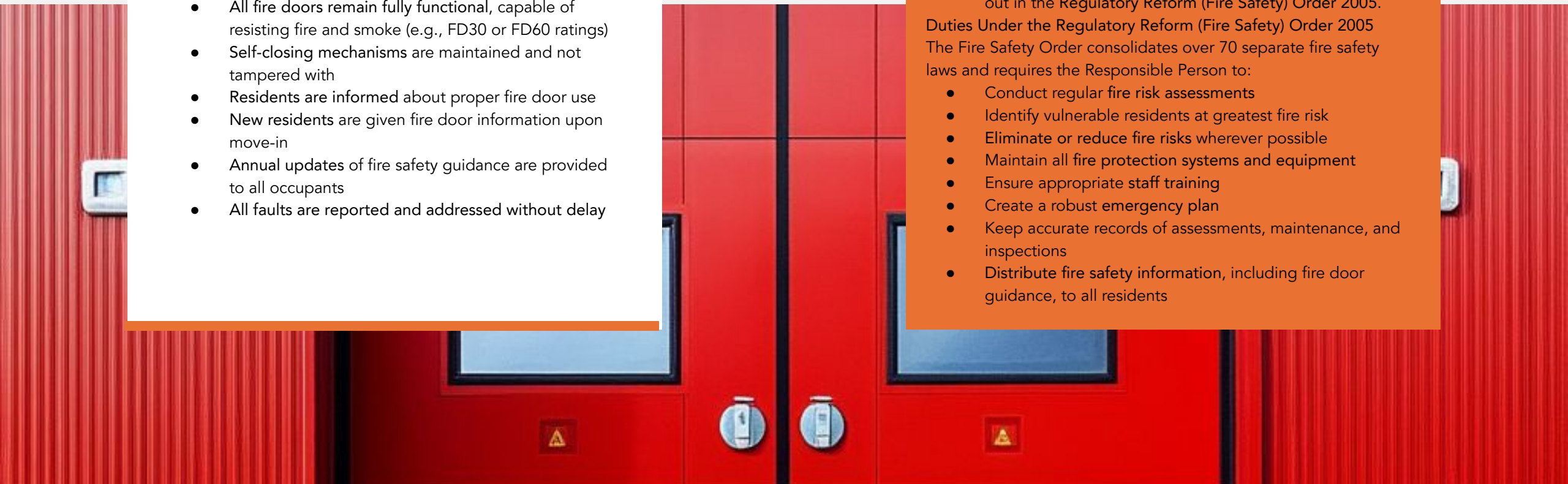
Whether managing social housing, private residential developments, or student and care accommodation, full compliance is essential. Non-compliance could result in severe legal and safety consequences, especially where failure leads to injury or loss of life.

FIRE DOORS

1

Required Fire Door Actions

- The Responsible Person must ensure:
- **Annual checks** of flat entrance fire doors
- **Quarterly checks** of fire doors in communal areas
- **Repairs or replacements** are undertaken by certified fire door specialists
- **All fire doors remain fully functional**, capable of resisting fire and smoke (e.g., FD30 or FD60 ratings)
- **Self-closing mechanisms** are maintained and not tampered with
- **Residents are informed** about proper fire door use
- **New residents** are given fire door information upon move-in
- **Annual updates** of fire safety guidance are provided to all occupants
- **All faults are reported and addressed without delay**



2

Regulatory Application by Height

- **For buildings over 11 metres:** Enhanced duties apply, including documentation and increased inspection frequency.
- **For buildings under 11 metres:** The new regulations **supplement**, but do not replace, the existing duties set out in the **Regulatory Reform (Fire Safety) Order 2005**.

Duties Under the Regulatory Reform (Fire Safety) Order 2005

The Fire Safety Order consolidates over 70 separate fire safety laws and requires the Responsible Person to:

- Conduct regular **fire risk assessments**
- Identify vulnerable residents at greatest fire risk
- **Eliminate or reduce fire risks** wherever possible
- Maintain all **fire protection systems and equipment**
- Ensure appropriate **staff training**
- Create a robust **emergency plan**
- Keep accurate records of assessments, maintenance, and inspections
- **Distribute fire safety information**, including fire door guidance, to all residents

BOLSTER SYSTEM PREVIEW

One of our Systems we offer is an electronic management application designed to integrate the surveying, installation, documenting and management of fire barrier penetrations and firestopping within a building. There is currently no standard for surveying of passive fire protection.

- Bolster Systems provides the standard and uniformity of the reporting required.
- Surveying times are greatly reduced and reports available instantly, with survey photographs uploaded and scheduled along with a location drawing in a matter of minutes.
- The detailed reports clearly highlight any remedial works and set the basis to Record the completed works in compliance with the Regulatory Reform (Fire Safety) Order 2005.
- Layout drawings are easily uploaded and drop pins used to identify the location of works required and in turn the completed remedial works.
- The drop pin has its own unique reference with a photographic historical record (before and after).
- The system provides building owners with a system they can use to maintain and manage an inventory of the impact of maintenance works on post-occupancy fire-barrier integrity.
- This system provides a legal record that will satisfy your insurers.

Introduction

Bolster system Ltd announces its new innovative mobile app changing the face of passive fire protection industry.

Bolster Systems offer an electronic management application designed to integrate the installation, documenting and management of fire stopping and fire doors within a building. Clients can view the progress of works in real time from any device capable of connecting to the Internet.

The system not only provides evidence of fire-stop compliance when a building is completed, it also provides building owners with a system they can use to maintain an inventory of the impact of maintenance works on post-occupancy fire-barrier integrity.

The Bolster System can be utilised for the survey, installation and inspection of :-

- Passive fire protection
- Fire doors
- Fire dampers
- Smoke alarms
- Sprinkler systems

Under the regulatory reform (fire safety) order 2005 organisations must ensure that the fire protection components within a building are subject to a suitable system of maintenance and are maintained in an efficient state, efficient working order and in good repair. Failure to be compliant can result in hefty fines and prosecution.

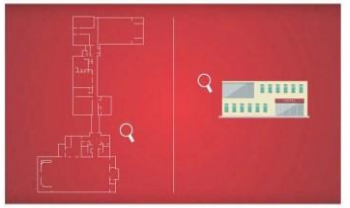
Bolster eliminates the time and resource levels required to Manage, maintain and survey passive fire protection.

Bolsters System has been designed by Fire Stopping Professionals, setting the standard for the Surveying & Managing Passive Fire Protection.

Surveyors and installers use an iPhone / iPad and Bolster App to undertake projects. All information is automatically uploaded to a cloud database, providing evidence of fire stop compliance

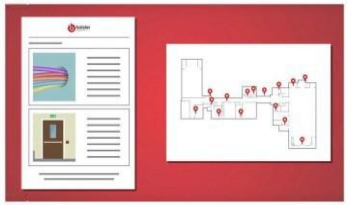
The system works in 4 simple steps.

1 - INSPECT
Fire Compartments are inspected for integrity. This can be in the form of a survey to highlight any defects required or can be used in the same way to record new instalations.

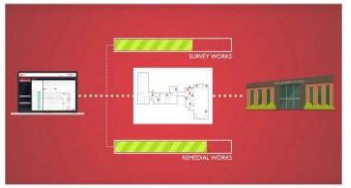


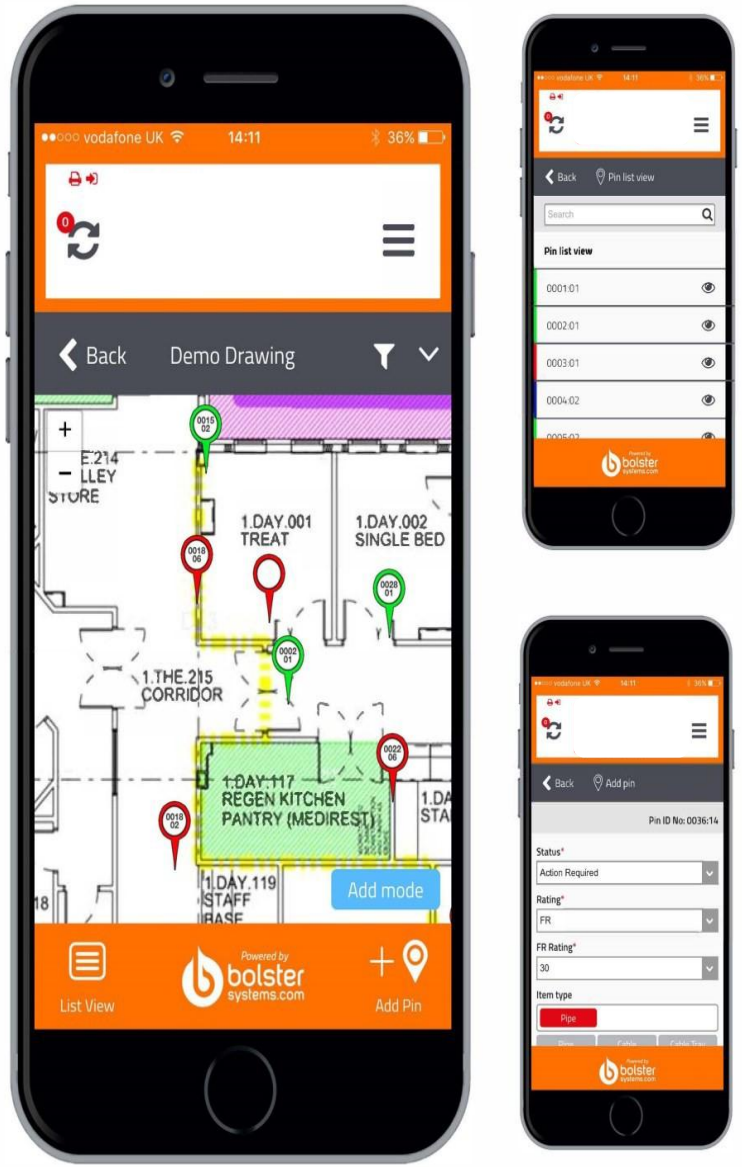
2 - LOCATE
Layout drawings are uploaded, A compartment breach is highlighted by a simple pin and photograph showing its location. Individually numbered drop pins are used to identify work required, in progress and completed. photograph's are automatically uploaded giving a real-time view of progress. Location labels are printed using specially coded mobile printers.

3 - DOCUMENT
Information regarding potential remedial works required is recorded and all information is documented in a cloud based database. Once a survey is complete the system will generate a report and layout drawings of all findings ready for issue.



4 - MANAGE
Bolsters systems creates a robust management system for employers and building stake holders for the life of the building. Clients have real time access to survey works and remedial works as they progress, giving all parties piece of mind that budgets are being utilised correctly and fire compliance can not only be achieved, maintained and documented to satisfy fire service enforcement officers, building control and external auditors.





Company	Pin Number	Date	Contractor	Action	FR Rating	Width	Height
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Bolster Systems Ltd	0002:03	22/09/2016	19 - Luke Harris	Installed	30	130	130
Bolster Systems Ltd	0003:03	22/09/2016	19 - Luke Harris	Installed	30	130	788
Bolster Systems Ltd	0004:03	22/09/2016	19 - Luke Harris	Installed	60	110	110
Bolster Systems Ltd	0005:03	22/09/2016	19 - Luke Harris	Installed	60	3000	700
Bolster Systems Ltd	0006:03	22/09/2016	19 - Luke Harris	Installed	60	130	699
Bolster Systems Ltd	0007:03	22/09/2016	19 - Luke Harris	Installed	60	200	600
Bolster Systems Ltd	0008:03	22/09/2016	19 - Luke Harris	Installed	30	4200	90
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Bolster Systems Ltd	0039:03	22/09/2016	19 - Luke Harris	Installed	60	10	100

WHAT IS FIRE COMPARTMENTATION, WHERE IS IT REQUIRED AND WHY IS IT IMPORTANT?

- Approved Document B, Volume 2 (2019) defines a fire compartment as; -
  A building or part of a building comprising one or more rooms, spaces or storeys constructed to prevent the spread of fire to or from another part of the same building or an adjoining building.

- This is achieved through the provision of fire resisting walls and floors (commonly offering between 30 minutes and 120 minutes fire resistance). And will include special measures to address any openings in the compartment lines, such as doors, glazing, service penetrations and ductwork.

- The wall or floor must remain functional for the duration of the designed fire resistance period. The compartment wall or floor should not crack or develop holes that allow flames, smoke or hot gases to pass through it, and if appropriate, it should maintain a suitable degree of insulation.

- There are two main reasons as to why fire compartmentation is required – for life safety and property protection purposes.

  1. It is required for life safety purposes when protecting or subdividing escape routes, this may include external or internal means of escape. For example, escape corridors, stair enclosures including those with refuge areas, protected lobbies / fire fighting shafts.

- Fire compartmentation provides occupiers of the building additional time to evacuate before escape routes are potentially compromised by the spread of smoke and fire. It will also decrease the danger which the Fire and Rescue Services may be exposed to.

Compartmentation will also be used to limit maximum compartment sizes in premises such as warehouses. Compartmentation is also used to support specific fire evacuation strategies, such as a defend in place strategy in blocks of flats – where each flat is designed as its own fire compartment limiting the need for a full evacuation of a building in the event of a fire in one flat.

It may similarly be used to support progressive horizontal evacuation in healthcare buildings – where patients can be moved horizontally away from a fire into adjoining compartments and minimising the need for vertical evacuation of vulnerable patients and/or full evacuation of the entire building

2. It is required for property protection purposes as it will limit spread and attempt to contain the fire to the location it has originated; this is predominantly for enclosures housing special fire hazards such as plant rooms or other high-risk rooms.

It may also be used to protect areas of high financial or strategic value, such as IT suites / server rooms or strategic storage spaces.

Where a building contains more than one occupier and the nature of their activities significantly different (for example residential premises sited over or alongside retail units) they are likely to require separating by compartment walls and floors to prevent a fire progressing to the other purpose group, this is the same case with wall common to two or more buildings.

HOW DO YOU ACHIEVE FIRE COMPARTMENTATION ?

- Fire resisting construction and cavity barriers, with any fire stopping if necessary.

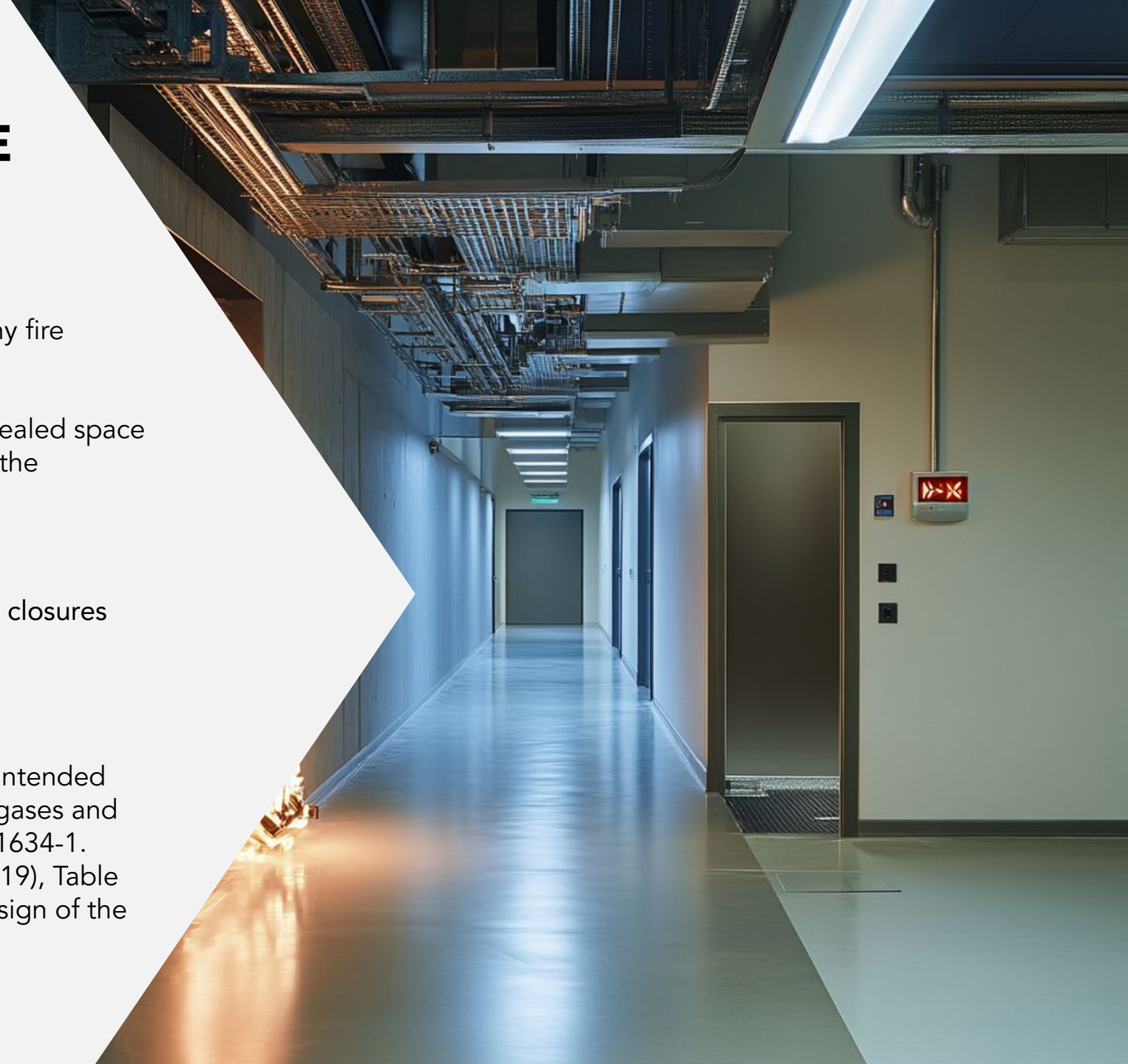
  Approved Document B refers to a cavity as any concealed space and states that cavity barriers should be provided in the following situations.

- To divide cavities at junctions and cavity closures

  To close the edges of cavities at junctions and cavity closures

  To protected escape routes

- To cavities affecting alternative escape routes
  Fire doors together with its frame and furniture, it is intended when closed to resist the spread of fire and/or toxic gases and meets the requirements of BS 476-22 and or BS EN 1634-1. Please refer to Approved Document B, Volume 2 (2019), Table C1 and B5 regarding incorporating glazing in the design of the door.



Third Party Accreditation

1

Correct installation of fire protection products is vital if they are to perform as intended and provide the specified fire performance. Incorrect installation can lead to non-performance, premature failure, loss of insurance cover and potential loss of life, property, stock and business interruption.

2

The scheme is accredited by UKAS (United Kingdom Accreditation Service) and meet the requirements of an increasing number of jurisdictions that recognise or require the benefits provided by third party installer certification.

Third party accredited "Installer Certification Schemes" are designed to ensure that certificated and tested products are installed within the approved field of application by skilled and competent operatives to give confidence to specifiers, users, occupiers, owners and enforcement bodies.

3

Installer schemes are generally based on:

- Audit of company operational / management procedures and processes (typically annual).
- Regular inspection of ongoing site work.
- Competence assessment of supervision and installation personnel at site.

A number of inspections will be conducted routinely each year but additional inspections, e.g. to meet contract requirements can be requested. On completion of a contract the installer issues a Certificate of Conformity for the contract showing details of the fire protection installed.

Warranty

At DSP Group all fire stopping products used, are also fully certified under Third Party Accreditation which means that all products have been thoroughly and independently evaluated and will continue to be manufactured to the same specification as originally tested.

All products are now certified to US standards, UL10c (2009) and NFPA 252-(2008) alongside that to British and European norms.

All fire Stopping materials installed by DSP Group offer warranty periods between 20 - 25 years, but as with any built-in products, they should be checked periodically to confirm no deterioration or damage, which could be caused by movement of

DSP FIRE PREVENTION SERVICES

THANK YOU

info@dsp-group.com 01268 956032 Fire@dsp-group.co.uk

Citation ISO Certification
Integrated Management System
ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018
REGISTERED
Certificate No:404712022

CONFIDENTIAL REPORTING

RISQS
Railway Industry Supplier Qualification Scheme

SafeContractor
APPROVED

firas

The Institute of Fire Safety Managers
IFSM
Member