



FIRNTEC
BUILDING COMPLIANCE

Unit 4a, Darklake View
Estover
Plymouth
PL6 7TL

Document Version 1
Survey Date 04/11/2024
Suggested Review Date 04/11/2029

EXTERNAL WALL SURVEY

BOWATER HOUSE

This report must be retained on the premises for inspection by statutory authorities.
Management is responsible for actions required in this report and should brief all staff on the report's findings.

Enforcement Officers are requested to note that this document is designed to inform the Lessee Tenant Manager of the existing Fire Safety Arrangements and any Significant Findings. Issues relating to the control and management of fire safety management for fire safety measures can be found in in-house documents such as:

Fire Policy and Testing and Maintenance records

Table of Contents

Cover Page	1
Table of Contents	2
Summary	3
Abbreviation/ Term Definition	5
Terms of Reference	6
Asset Information	8
Aerial Perspective: Bowater House	13
Elevations	14
Inspections	15
Inspection: 9KE1FV	17
Inspection: Q45DMQ	19
Inspection: 5IPQ73	21
Inspection: RHK2UT	23
Inspection: I9165U	24
Inspection: LWHBQS	26
Inspection: P4RY71	27
Inspection: FMRHFQ	29
Inspection: I18RTW	30
Inspection: NSDKK9	31
Penetrations	32
Penetration: Flue (QI1JSE)	33
Penetration: Air Brick (7W5FYT)	34
External Windows	35
External Window: Top, Mid, Side Hung Casements (A9GLUG)	36
External Window: Top, Mid, Side Hung Casements (5TBTRJ)	37
External Doors	38
External Door: Single Leaf Entrance Doors (FHTNU8)	39
Plans & Elevations	40
Photos	44

Summary

External Wall Survey

Assessment and Certificate Reference

RB-SA8V5H

Assessed On, By

04/11/2024,

Alex Dodd EngTech MinstRE (Lead Facade Consultant)

Douglas Murray (Building Safety Consultant)

(BSc Building Surveying, ABBE DipFRA, AIFireE, AssocRICS, MFPA)

Produced For the Responsible Person

Sandwell Metropolitan Borough Council

Specification Conforms To

Our own internal quality system.

Assessment Scope

Assessment applies only to the building specified.

Recommended Review Date

04/11/2029

Assessed Property

Property Name

Bowater House

Address

Property Reference

RB-LSHEML

Assessing Organisation

Firntec Ltd

4a Darklake View, Estover, Plymouth, Devon, PL6 7TL

0345 646 1566 — www.firntec.com

Assessor Remarks

Bowater House is a nine-storey high-rise residential block, originally constructed in 1963 under the authority of Smethwick Council, now managed by Sandwell Metropolitan Borough Council. Built by contractors Five Oaks Ltd, Bowater House was developed alongside two other similar blocks and comprises 36 self-contained flats, accessed via two protected stairwells and served by a single lift.

The original structure features a reinforced concrete frame, including stair cores, lift shaft, floor slabs, and foundations. External wall systems consist of brick slip over polystyrene insulation, stone wool rainscreen cladding, and powder-coated aluminium spandrel panels forming part of the curtain wall system. A major external refurbishment was completed in 1999, enclosing balconies and adding a lightweight steel-framed aluminium roof with solar photovoltaic panels.

Fire safety measures include:

A communal addressable fire alarm system, with detection in communal areas and LD1/LD2 coverage in flats.

Two protected stairwells with AOVs for smoke control.

Dry riser serving all floors and a CO₂ extinguisher in the lift motor room.

A deluge system protecting the bin store.

Secure Information Box (Gerda PIB) located in the entrance lobby.

Fire resistance via FD30s fire doors and 1-hour compartmentation between flats and escape routes.

The current evacuation strategy is "Stay Put Unless", and a Fire Risk Appraisal of External Walls (FRAEW) is underway by Firntec Ltd to assess combustible materials such as PUR boards and EPS-backed plasterboard within enclosed balconies.

This report and the associated FRAEW have been prepared for Sandwell MBC by Douglas Murray of Firntec Ltd, a qualified Building Surveyor and Fire Risk Assessor with over 25 years of fire safety experience. The assessment adheres to:

The Regulatory Reform (Fire Safety) Order 2005

The Fire Safety Act 2021

The Building Safety Act 2022

Approved Document B of the Building Regulations 2010

Douglas's extensive expertise in building safety, fire risk assessment, and cladding investigations ensures the report meets the regulatory and evidential standards required under modern building safety legislation.

Abbreviation/ Term Definition

- **ACM** Aluminium Composite Material
- **ADB** Approved Document B
- **AOV** Automatic Opening Vent
- **BSA** Building Safety Act
- **Cavity Barrier** Product used to close or separate a concealed space to restrict fire and smoke
- **Close State Cavity Barrier** Cavity Barrier designed to be fitted under compression/friction between inner and outer surfaces of a cavity to seal it
- **Open State Cavity Barrier** Cavity Barrier that is open to allow ventilation/drainage of cavity in open state but closes when a developing fire occurs (e.g., intumescent strip)
- **Combustible** Not classified as A1 OR A2 in accordance with BS EN 13501-1: 2018, and not meeting definitions of non-combustible or limited combustibility
- **Compartmentation** Subdivision of building by fire resisting walls and/or floors for limiting fire spread
- **EPS** Expanded Polystyrene
- **EWS1** External Wall System Fire Valuation Form
- **FB** Fire Barrier - Separating element with fire integrity for a specific time
- **Fire Stop** Barrier seal to close an imperfect fit in design between elements of components to stop the spread of fire
- **FRAEW** Fire Risk Appraisal of External Walls
- **FRA** Fire Risk Assessment
- **FRS** Fire and Rescue Services
- **FSA** Fire Safety Act
- **HPL** High Pressure Laminate
- **HRR** Heat Release Rate
- **MDF** Medium Density Fibre Board (a type of manufactured timber)
- **PIR** Polyisocyanurate Rigid Foam
- **PUR** Polyurethane Foam
- **RP** Responsible Person
- **RRFSO** Regulatory Reform (Fire Safety) Order
- **SFS** Steel Framing System
- **SIB** Secure Information Box # Overview

Terms of Reference

Overview

Firntec have been instructed by the client to undertake an intrusive inspection of the external walls, attachments, windows and doors to the appointed building as addressed on the cover page.

The purpose of the report is to identify the construction, make-up and materials used within each external wall type and attachment on the building as required under the Fire Safety Act 2021.

Scope of Works

The client has requested Firntec to undertake an intrusive inspection of the external walls, attachments, windows and doors.

The purpose of this survey report is to assess the external walls and attachments construction to identify the materials used, installation method, presence of any cavity barriers or fire stopping and the configuration on the building.

For any identified materials within the construction of the sample, a euro-classification rating in accordance with BS EN 13501-1 will be assigned where applicable.

Within the findings of each wall type and attachment, where applicable, detailed comments will be provided on the findings, with reference to quality of workmanship or other identified factors within the construction.

The intent of the report is not to assign any level of risk, conclusion or recommendations, but should it be identified during the intrusive investigation that there is an immediate risk to life safety, interim measures may be recommended.

Limitations

The inspection of any external wall types or attachments are undertaken by the defined terms as described in Approved Document B:

- External Wall: Includes all of the following.
 - Anything located within any space forming part of the wall.
 - Any decoration or other finish applied to any external (but not internal) surface forming part of the wall.
 - Any windows and doors in the wall.
 - Any part of a roof pitched at an angle of more than 70 degrees to the horizontal if that part of the roof adjoins a space within the building to which persons have access, but not access only for the purpose of carrying out repairs or maintenance
- Specific Attachment Includes any of the following.
 - A balcony attached to an external wall.
 - A device for reducing heat gain within a building by deflecting sunlight which is attached to an external wall.
 - A solar panel attached to an external wall.

The findings within the report will not state any areas of compliance with advisory sub-clauses of the relevant Approved Document B, nor does it aim to guarantee compliance with the mandatory clause of B4(1) and our comments cannot be interpreted as such.

We endeavour to undertake intrusive inspections at various elevations and varying heights, however, this may not always be achievable due to mitigating factors out of our control such as access or weather conditions.

The findings of the investigation are limited to each precise inspection location and cannot be used to confirm absolute consistency of the façade in its entirety.

The manufacturer of a product cannot be confirmed with absolute certainty unless the sampled materials carry the product branding inclusive of the product number.

Where product branding is absent or ambiguous, we will where provided, refer to as-built drawings and

specification contained in the O&M manuals, However, this does not guarantee or confirm the products used in construction.

Assumptions

It is understood that the absence of evidence, is not evidence of the absence; therefore, Where a products branding is absent we will use our professional engineering judgment, and any assumptions made with regards to the materials combustibility should be submitted for further testing to verify this.

It has been assumed that documentation regarding the buildings fire safety, fire strategy, construction details and O&M manuals have been provided for our reference within the report.

Outcomes

The findings within this report do not assign any level of risk, conclusion or recommendations, nor does it confirm any compliance with applicable building regulations at the time of construction.

The findings of this report may form part of the gathered information to form such reports as:

- PAS9980:2022 Fire risk appraisal of external wall construction and cladding of existing blocks of flats – Code of practice or;
- External Wall Compliance at Time of Construction Report.

If during the intrusive survey any ACM is identified to be present, this will be reflected within the report and evidence requested to determine its calorific value, if this evidence is not available a request of sample testing may be recommended separate to this report.

Asset Information

Client Name

Sandwell Metropolitan Borough Council

Client Address

Sandwell Council House
Freeth Street PO Box 2374
Oldbury
B69 3DE

Responsible Person

Sandwell Metropolitan Borough Council

Safety Assistance

Not Required

Contact Details

As provided by client

Fire Alarm System

Addressable automatic fire alarm system (communal)

Panel Location Ground floor front entrance lobby with zone plan and key stored in adjacent key safe

Communal Coverage - Stairwells (both)

- Landings on all floors
- Mains service cupboards
- Lift shaft
- Internal roof space

Flat Coverage - Heat detector in each flat hallway (linked to communal panel)

- LD1 or LD2 standard smoke alarms (hardwired or battery) inside flats

Flats Sampled Detection inspected in Flats 2, 3, 16, 26, 30

Detection Standard LD1 / LD2 based on property inspections:

- LD1 = All rooms (except bathrooms)
- LD2 = All risk rooms

Emergency Lighting

Installed in communal parts

Emergency Lighting

Coverage: Communal landings, stairwells, and lift motor room

Type: Self-contained emergency lights with strategically located test points

Testing: Monthly by in-house electrical team or approved contractor

Portable Fire Fighting Equipment

Portable Fire Fighting Equipment installed within staff only / Restricted areas of the building

Portable Fire Fighting Equipment

Lift Motor Room	CO ₂ fire extinguisher	Single unit provided for electrical fire protection
Bin Store (Refuse Chute)	Deluge system (fixed suppression)	Not portable but included due to its relevance; protects high-risk bin area
Servicing & Maintenance	Annual inspection (October)	CO ₂ extinguisher serviced under contract in accordance with BS 5306-3

Smoke Control

Mechanical smoke control

Smoke Control

Type: Automatic Opening Vents (AOVs)
Location: Installed in both stairwells between floors 1-2, 3-4, 5-6, 7-8
Control: Firefighter control switch on wall (front stairwell, ground to 1st floor)

Suppression Systems

Partial sprinkler system installed (Detailed in Description)

Suppression System

Type: Deluge system to refuse chute bin store

Fire Fighting Facilities

Dry Riser

Fire Fighting Facilities

Dry Riser: Inlet at ground floor opposite lift; outlets on floors 1–8
Hydrant: Present adjacent to rear entrance
Extinguisher: CO₂ type in the lift motor room
Bin Store Protection: Deluge/sprinkler system with control panel in service cupboard

Access for fire-fighting vehicles

Adequate access for firefighting vehicles
NOTE This is where access is possible in line with benchmark guidance on access for firefighting vehicles from Approved Document B, taking into account the size of the building (floor area), height of the building and whether fire mains are present in the building.

Fire Hydrant Location/ Water Supply

Location: Adjacent to rear entrance

Housekeeping

Good standard. Means of escape clear. Refuse stored appropriately

Secure Information Boxes

Secure information box (SIB) installed

Secure Information Boxes

Type: Gerda PIB (Premises Information Box)

Location: Ground floor front entrance lobby

Contents: Floor plans, orientation drawings, vulnerability (PEEP) data

Signage

Appropriate signage installed throughout premises

Signage

Signage Type	Location / Description
Fire Door Signs	All fire doors display "Fire Door Keep Shut" where appropriate
Fire Action Notices	Displayed throughout the building
Note: Does not mention "on hearing the alarm" (justified due to Stay Put – Unless strategy)	
LPG Warning Signs	Displayed within the lift cars
Floor & Flat Identification Signs	- Ground floor lobby: Wall-mounted signage
- All floors: Adjacent to lift cars and stair landings	
Photoluminescent Wayfinding Signs	Installed on all floors:
- Shows floor level and flat numbers	
- Meets ADB and Fire Safety (England) Regulations 2022 requirements	
Directional Escape Signage	Not used due to simplicity of layout – all routes are self-evident
Building Safety / Evacuation Notices	Posted in common areas and lift cars

Property Type

Residential Purpose-built

Building Era / Age

Known Build Date

Known Build Date

1963

Building Height

9 floors×2.7 m/floor=
24.3 metres

Approx Floor Area Per Floor

225M2

Number of Storeys (Ground and above)

There are nine floor levels

Number of Basement Levels

None

Number of Flats

There are self contained 36 flats

Flat Types

Single Storey

Structural Floor Material

Reinforced Concrete

Structural Stairs Material

Concrete

Construction (Details)

Traditional concrete frame and brick construction which has had refurbishment works including UPVC windows, insulation and render facade over the existing facade.

Exterior Cladding

FRAEW Completed on Exterior Cladding

Exterior Cladding (Details)

3mm solid aluminium panels - External elevations
- Balcony enclosures
- Entrances (front/rear) A1-rated (non-combustible) as per documented info
PUR insulation boards - 30mm foil-faced PUR (Polyurethane) boards within cavity wall systems
Combustible – elevated fire risk if not encapsulated
Brickwork (Armitage multi cut) - Approx. 43% of external wall surface Non-combustible (inert masonry)
Solar PV panels - South-west elevation (installed 1999) Fire risk depends on inverter isolation and installation quality
Pitched Roof Panels - Profiled aluminium panels with mineral wool core Non-combustible core; fire-resistant system

Electronic Entrance System

Yes

Carpark

External/Outdoor Carpark

Employees

None

Residents

Yes

Residents (Extended)

Assumed to be two residents per flat (Exact numbers not known)

People With Reduced Mobility

Other

People with Reduced Mobility (Extended)

General Needs - No information however, General Needs premises so occupants are typical of the general population

Lone Workers

None

Young Persons Employed in the Premises

None

Escapes & Exits

There are sufficient fire exits from the premises of suitable width and within acceptable travel distances. These will allow all persons in the premises to evacuate safely in the event of fire. Emergency exits open outwards in escape direction.

Number Of Internal Escape Stairs

The building is served by two escape stairs which deposit at ground

Number Of Final Exits

Two

External Means Of Escape

None Present

Types Of Lifts Installed

Passenger + Fireman's Control

Evacuation Chairs Installed

No

Refuge Points Present

No

Stairwells Protected / Lobbied

Other

Stairwell Details

Protected Staircases Two protected stairwells with FD30s doors and AOVs for smoke ventilation
Communal Lobbies Communal areas serve as access to flats and stairs; corridors are of adequate width and not dead-end

Flat Doors Open Onto Stairs

No

Current Evacuation Strategy

Stay Put

Current Stay Put Strategy Description

The current evacuation strategy is Stay Put as denoted by the fire action notices displayed in the common area.

Current Evacuation Strategy for the property considered appropriate?

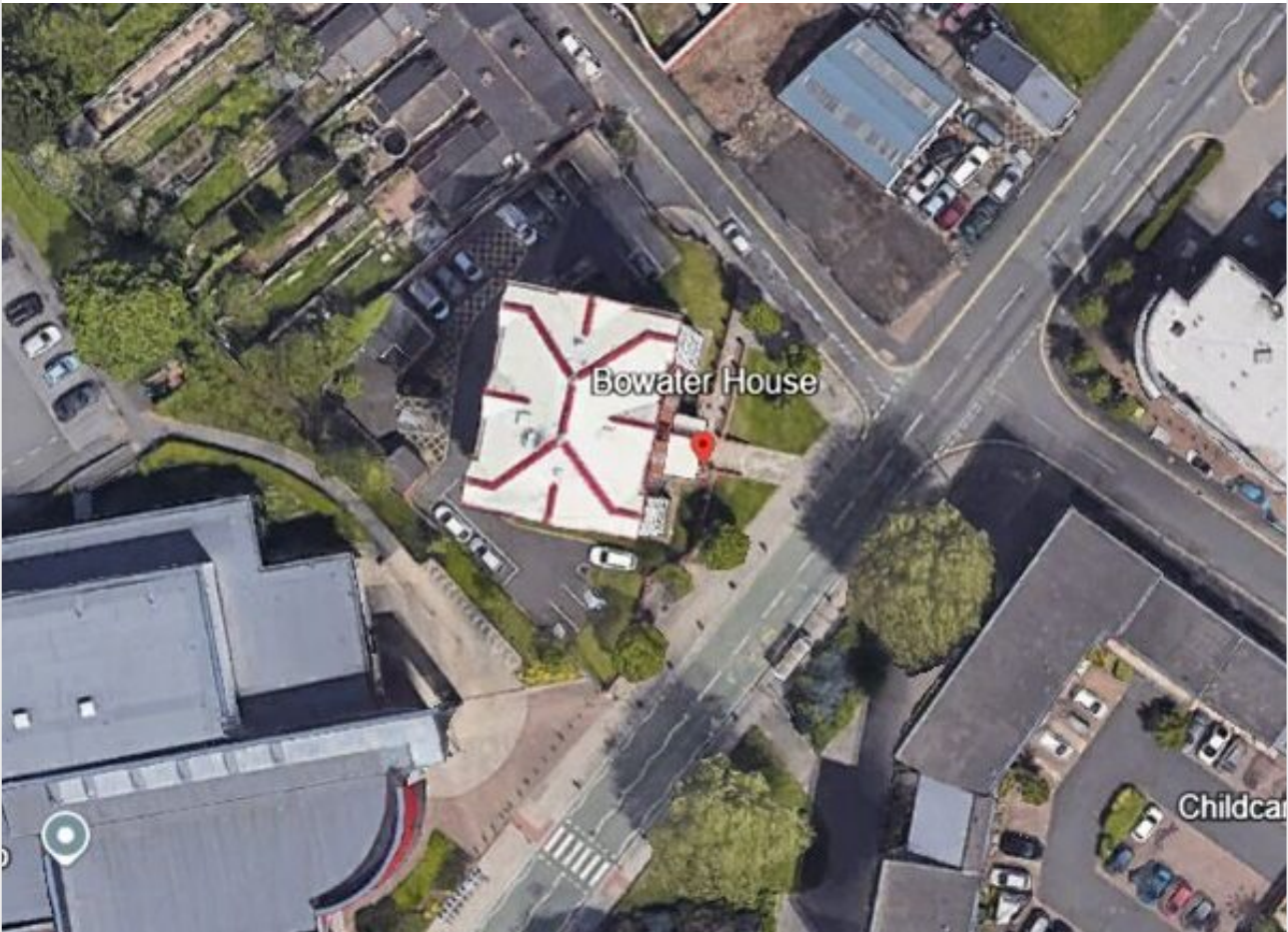
Yes

What is the recommended evacuation strategy for the property?

Stay Put

Aerial Perspective: Bowater House

Aerial view of the building



Elevations

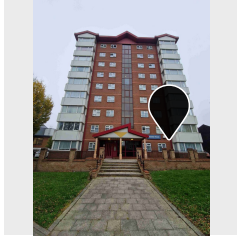
Photo	Name	No. of Storeys	Features
 1	South East	9 Storeys	
 2	South West	9 Storeys	• Photovoltaic (Solar) Panels
 3	North West	9 Storeys	
 4	North East	9 Storeys	

Inspections

Elevation Location

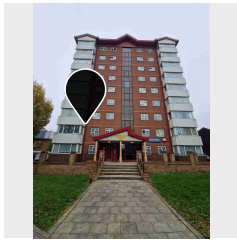
Inspection

Elements



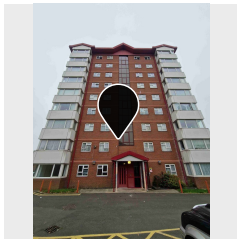
Inspection: 9KE1FV
East Elevation (Front Entrance)
Compartment Floor

- Outer leaf
- Inner Leaf (Blockwork)



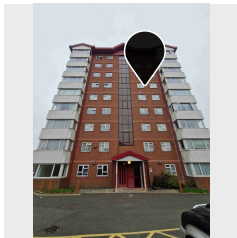
Inspection: Q45DMQ
East Elevation (Front Entrance)
Compartment Floor and Vertical
Compartment Junction

- Outer leaf
- Inner Leaf (Blockwork)



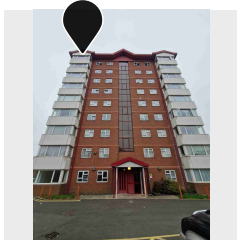
Inspection: 5IPQ73
West Elevation
Compartment Floor and Vertical
Compartment Junction

- Outer leaf
- Inner Leaf (Blockwork)



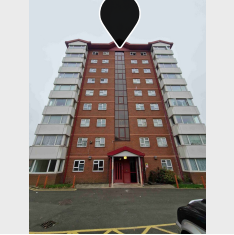
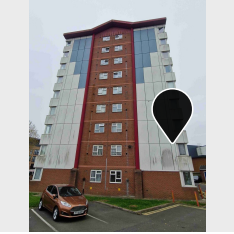
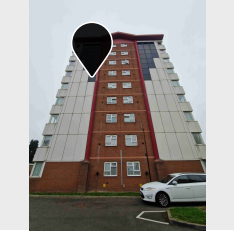
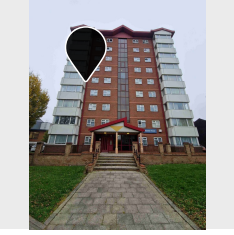
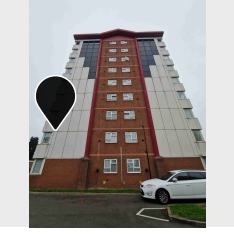
Inspection: RHK2UT
West Elevation
Window Aperture

- Outer leaf



Inspection: I9165U
West Elevation
Compartment Junction

- Surface Finish (Metal sheet (non-aluminium))
- Cavity
- Insulation (Unbranded foil faced PUR)
- Outer leaf

Elevation Location	Inspection	Elements
	Inspection: LWHBQS West Elevation Compartment Floor - Gable End	Other (Galvanized steel support frame which has been installed over the original flat roof to create a pitched roof appearance. vertical sections are insulated with mineral wool.)
	Inspection: P4RY71 North Elevation Compartment Floor	- Surface Finish (Metal sheet (non-aluminium)) - Cavity - Insulation (Unbranded PUR mechanically fixed to original brickwork) - Outer leaf
	Inspection: FMRHFQ South Elevation VISUAL INSPECTION ONLY	No elements identified
	Inspection: I18RTW East Elevation (Front Entrance) Compartment Floor	- Surface Finish (Metal sheet (non-aluminium)) - Cavity - Insulation (Unbranded PUR mechanically fixed to original brickwork) - Outer leaf
	Inspection: NSDKK9 South Elevation Compartment Floor	- Surface Finish (Metal sheet (non-aluminium)) - Cavity - Insulation (Unbranded PUR mechanically fixed to original brickwork) - Outer leaf

Inspection: 9KE1FV

Elevation • Location
East Elevation (Front Entrance) • Compartment Floor



Name/Summary

Wall Type 1 - Cavity Brickwork

Description

The brickwork cavity is an open void between floor slabs

Build-Up

2 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Outer leaf	102mm		5, 6, 7	A1 - Non-Combustible
Original brickwork				
Inner Leaf	100mm	Blockwork		A1 - Non-Combustible

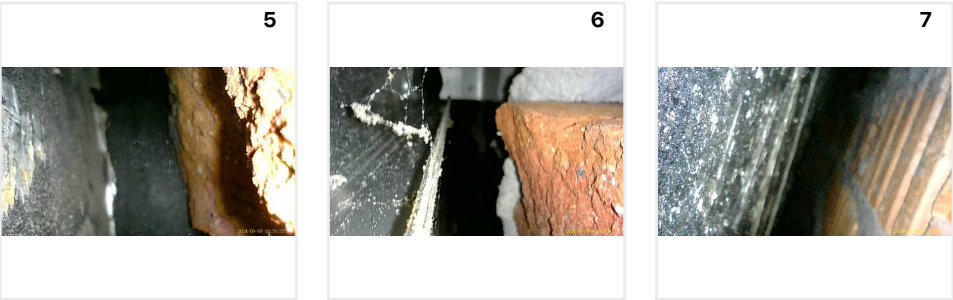
Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Build-up Photos



Inspection Photos



Inspection: Q45DMQ

Elevation • Location
East Elevation (Front Entrance) • Compartment Floor and Vertical
Compartment Junction



Name/Summary

Wall Type 1 - Cavity Brickwork

Description

The brickwork cavity is an open void between floor slabs

Build-Up

2 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Outer leaf	102mm		12, 13, 14	A1 - Non-Combustible
Original brickwork				
Inner Leaf	100mm	Blockwork		A1 - Non-Combustible

Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Build-up Photos



Inspection Photos



Inspection: 5IPQ73

Elevation • Location
West Elevation • Compartment Floor and Vertical Compartment Junction



Name/Summary

Wall Type 1 - Cavity Brickwork

Description

The brickwork cavity is an open void between floor slabs

Build-Up

2 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Outer leaf	102mm			A1 - Non-Combustible
Original brickwork				
Inner Leaf	100mm	Blockwork		A1 - Non-Combustible

Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Inspection Photos



Inspection: RHK2UT

Elevation • Location
West Elevation • Window Aperture



Name/Summary

Wall Type 2 - Curtain walling

Build-Up

1 Element	Thickness/Depth	Photo Ref.	Rating (BS EN13501)
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Outer leaf	102mm		A1 - Non-Combustible
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Original brickwork

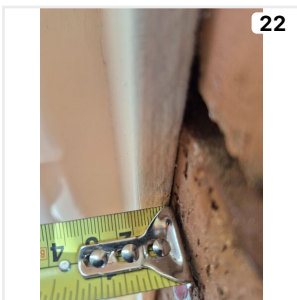
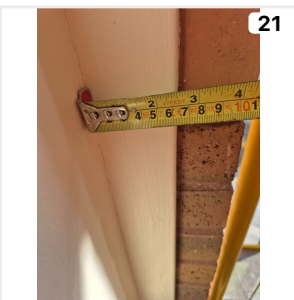
Cavity Barriers

There is no external wall cavity

Floor Slab

Backing Wall Sits On The Floor Slab

Inspection Photos



Inspection: I9165U

Elevation • Location
West Elevation • Compartment Junction



Name/Summary

Wall Type 3 - Cladding

Build-Up

4 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Surface Finish	3mm	Metal sheet (non-aluminium)		A2 - Limited Combustibility
Polyester Powder Coated cladding panel on aluminium support frame				
Cavity	120mm		24	
Insulation	60mm	Unbranded foil faced PUR		B - Combustible
Outer leaf	102mm			A1 - Non-Combustible
Original brickwork				

Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Build-up Photos



Inspection Photos



Inspection: LWHBQS

Elevation • Location
West Elevation • Compartment Floor - Gable End



Name/Summary

Wall Type 3 - Cladding/Roof

Build-Up

1 Element	Material	Photo Ref.	Rating (BS EN13501)
Other	Galvanized steel support frame which has been installed over the original flat roof to create a pitched roof appearance. vertical sections are insulated with mineral wool.		A1 - Non-Combustible

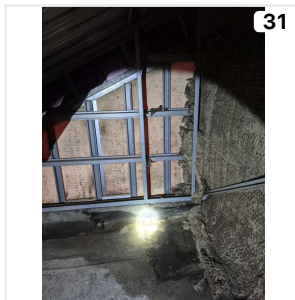
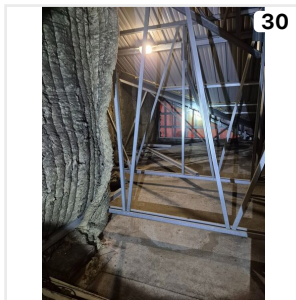
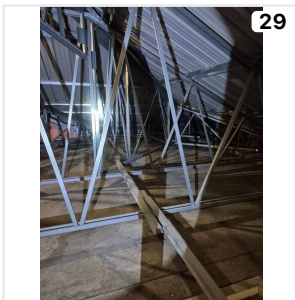
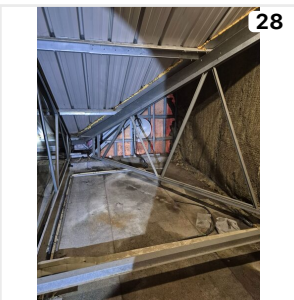
Cavity Barriers

None

Floor Slab

Outside and backing walls sit on the floor slab

Inspection Photos



Inspection: P4RY71

Elevation • Location
North Elevation • Compartment Floor



Name/Summary

Wall Type 3 - Cladding

Build-Up

4 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Surface Finish	3mm	Metal sheet (non-aluminium)		A2 - Limited Combustibility
Cavity	120mm			
Insulation	60mm	Unbranded PUR mechanically fixed to original brickwork		B - Combustible
Outer leaf	102mm			A1 - Non-Combustible

Original brickwork

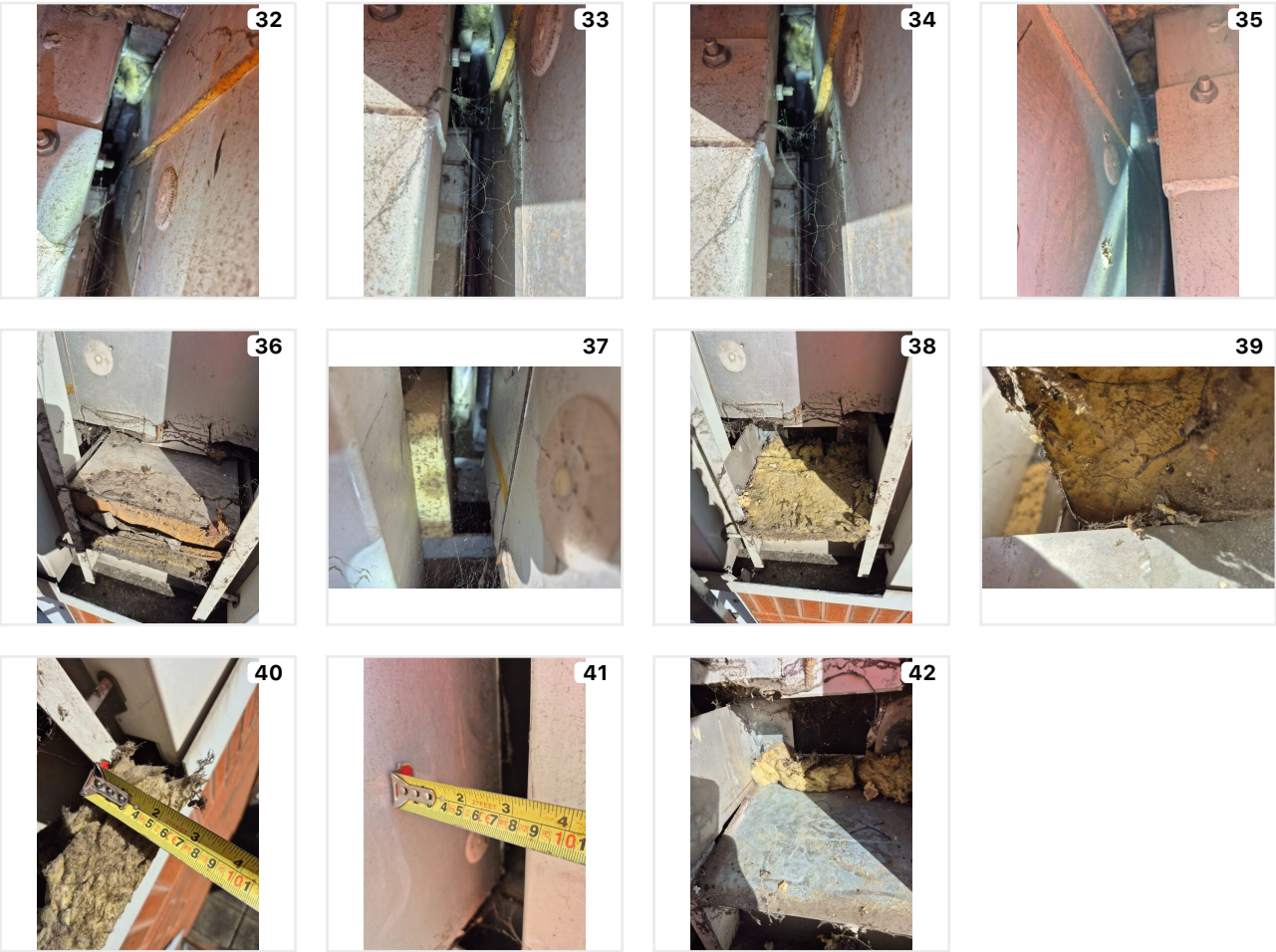
Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Inspection Photos



Inspection: FMRHFQ

Elevation • Location
South Elevation • VISUAL INSPECTION ONLY



Name/Summary

Photovoltaic Panels (PV)

Description

Live electric, Visual Inspection only

Inspection: I18RTW

Elevation • Location
East Elevation (Front Entrance) • Compartment Floor



Name/Summary

Wall Type 3 - Cladding

Build-Up

4 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Surface Finish	3mm	Metal sheet (non-aluminium)		A2 - Limited Combustibility
Cavity	120mm			
Insulation	60mm	Unbranded PUR mechanically fixed to original brickwork		B - Combustible
Outer leaf	102mm			A1 - Non-Combustible

Original brickwork

Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Inspection: NSDKK9

Elevation • Location
South Elevation • Compartment Floor



Name/Summary

Wall Type 3 - Cladding

Build-Up

4 Elements	Thickness/Depth	Material	Photo Ref.	Rating (BS EN13501)
Surface Finish	3mm	Metal sheet (non-aluminium)		A2 - Limited Combustibility
Cavity	120mm			
Insulation	60mm	Unbranded PUR mechanically fixed to original brickwork		B - Combustible
Outer leaf	102mm			A1 - Non-Combustible

Original brickwork

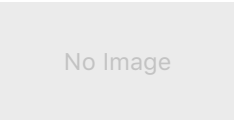
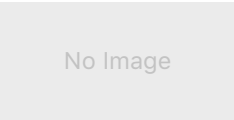
Cavity Barriers

None

Floor Slab

Backing Wall Sits On The Floor Slab

Penetrations

Photo	Penetration
	Flue (Q11JSE) Inspection Type: Visual
	Air Brick (7W5FYT) Inspection Type: Visual

Penetration: Flue

Penetration Reference
QI1JSE

Details

Photo

1 Image

Inspection Type

Visual

Duct Pipework Material

PVC

Penetration: Air Brick

Penetration Reference
7W5FYT

Details

Photo

1 Image

Inspection Type

Visual

Duct Pipework Material

PVC

External Windows

Photo

External Window



Top, Mid, Side Hung Casements (A9GLUG)



Top, Mid, Side Hung Casements (5TBTRJ)

External Window: Top, Mid, Side Hung Casements

External Window Reference
A9GLUG

Details

Surface Material

uPVC

Frame Material

uPVC

Infill / Panel Material

Toughened Glass

Photos



External Window: Top, Mid, Side Hung Casements

External Window Reference
5TBTRJ

Details

Surface Material

Other

Infill / Panel Material

Other

Frame Material

Steel

Details

Tempered Glass

Photos



External Doors

Photo

External Door



Single Leaf Entrance Doors (FHTNU8)

External Door: Single Leaf Entrance Doors

External Door Reference
FHTNU8

Details

Surface Material

Steel

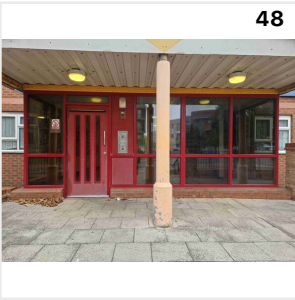
Frame Material

Steel

Infill / Panel Material

Toughened Glass

Photos



Plan: East Elevation (Front Entrance)



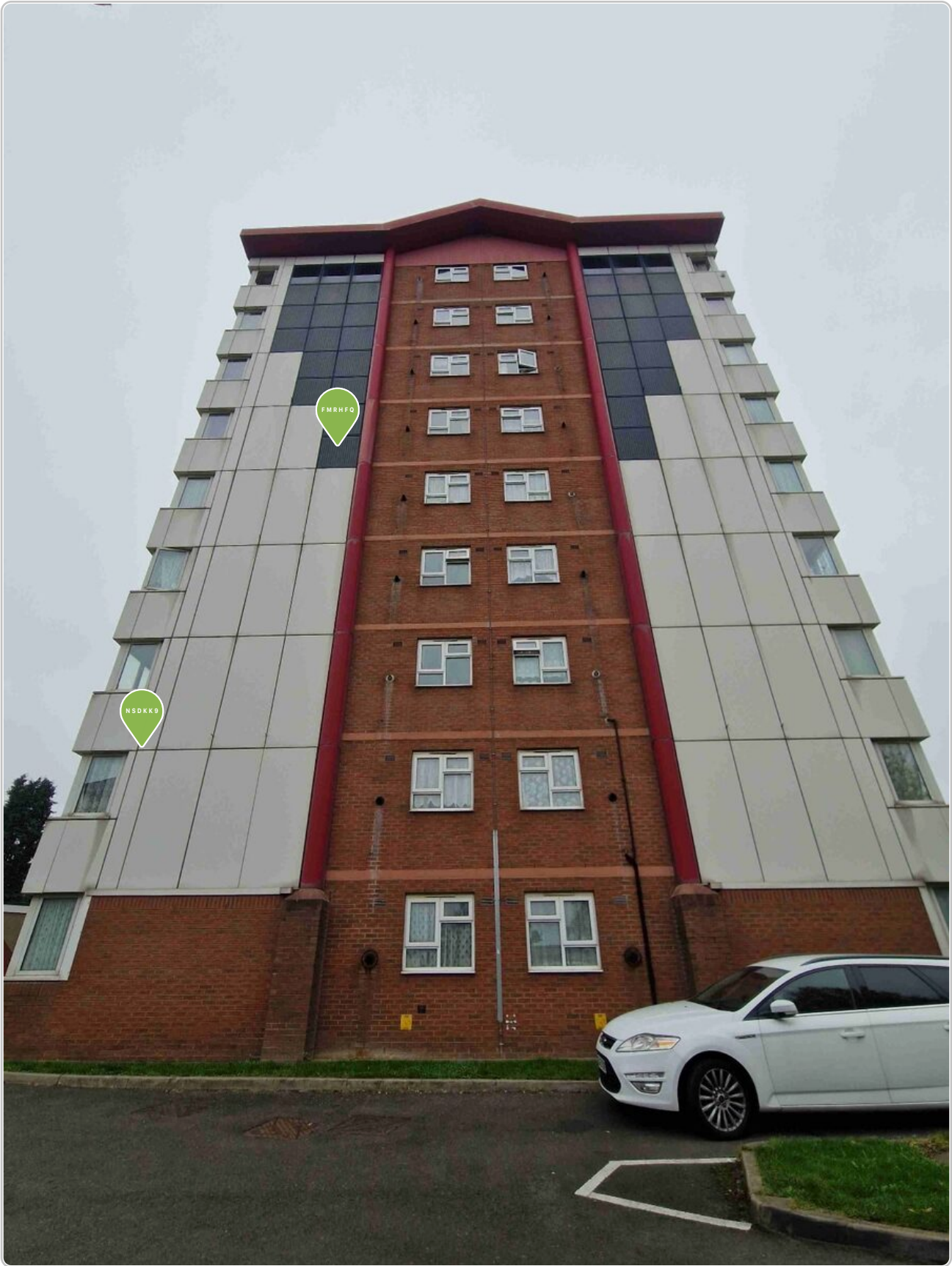
Plan: West Elevation



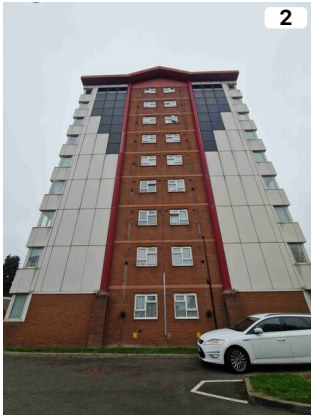
Plan: North Elevation



Plan: South Elevation



Photos



Photos Continued...



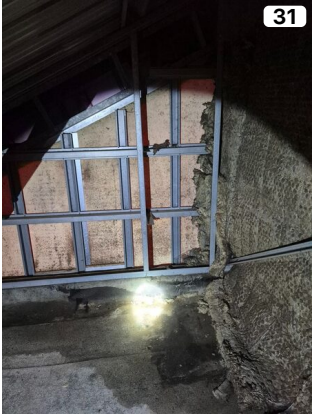
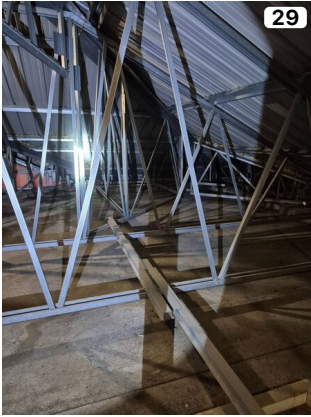
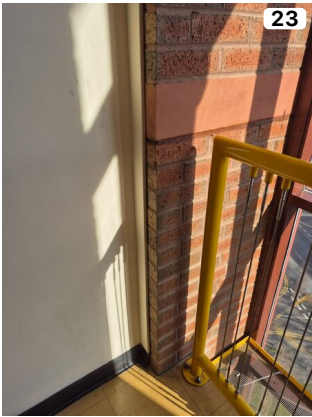
Photos Continued...



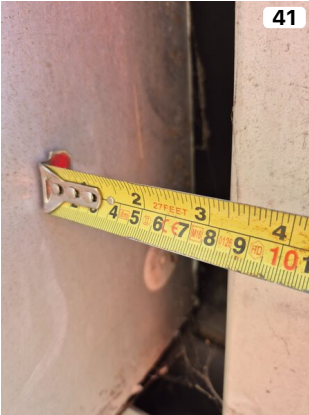
Photos Continued...



Photos Continued...



Photos Continued...



Photos Continued...





FIRNTEC
BUILDING COMPLIANCE