

Improved Fire Safety Statement

Introduction

This Fire Safety Statement outlines the proposed fire safety measures for the rear extension at **47 Copthorne Crescent , M13 0QY**. The statement aims to demonstrate compliance with relevant building regulations and standards, ensuring the safety of occupants and firefighters.

Fire Safety Objectives

The primary fire safety objectives for this extension are to:

- **Protect life:** Minimize risk to human life in the event of a fire.
- **Protect property:** Limit damage to the property and its contents.
- **Limit fire spread:** Contain fires within the area of origin.
- **Facilitate firefighting operations:** Ensure easy access for firefighters to extinguish fires.

Fire Safety Strategy

Means of Escape

Two primary escape routes are provided at ground level:

1. The front door leading to Copthorne Crescent Road
2. The rear bi-fold door leading to the garden

Fire Resistance

- **Habitable rooms** with direct access to the protected stairway will be fitted with **FD30 fire doors** with intumescent strips and 25x38mm door stops (glued and screw-fixed).
- **Glazing and fanlights** within the stair enclosure will use **6mm Pilkington Pyro shield glass** or Georgian wired glass.

Fire Detection and Alarm System

- A **self-contained, mains-operated, interlinked fire alarm system** (BS 5839-6:2004) with battery backup will be installed in all circulation areas.
- A **smoke detector** with battery backup will be installed in the kitchen area.

Fire Extinguishers

- A fire extinguisher will be provided in the kitchen area.

Building Regulations Compliance

All new extension building elements will comply with the relevant building regulations to prevent fire spread.

Conclusion

The proposed fire safety measures for this rear extension are designed to provide a safe and secure environment for occupants and firefighters. By adhering to relevant regulations and standards, the extension will mitigate fire risks and protect lives and property.

