EMERGI-SAFE

LIFE SAFETY.
OUR PRIORITY.
COMPLIANCE
ALWAYS.

CASE STUDY:

Culford School

Fire Door Upgrades Built on Compliance



Emergi-Safe Ltd was appointed to deliver a comprehensive fire door inspection, supply and installation project at Culford School across multiple buildings within the estate, including the Nursery, Health Centre, Sports Centre, Hastings Building and the Skinner Building.

As a leading educational establishment, Culford School places a strong emphasis on compliance, life safety, and the safeguarding of both students and staff. The school's proactive approach to fire safety and building compliance aligned perfectly with Emergi-Safe Ltd's own values and standards, creating a strong working partnership focused on delivering the highest quality solution.



Fire Door Inspections | **Supply & Installation** | **Remedial Works** | **Minimal Disruption**

The Challenge



The project involved the removal and replacement of existing fire doorsets to improve compartmentation, compliance, and overall fire safety performance within occupied educational buildings, including the Nursery, Health Centre, Sports Centre, Hastings Building and the Skinner Building.

While the installations within the Hastings Building progressed smoothly, an unexpected challenge arose during works within the Skinner Building.

Once the existing door frames and infill panels had been removed, it became apparent that the structural apertures behind the finishes differed significantly from the original measured openings. This issue could not have been identified during the initial survey stage, as it was concealed behind the existing construction.

The reduced aperture dimensions prevented the new compliant fire doorsets from fitting correctly within the openings.

The Solution



Rather than allowing the issue to delay the project or compromise the installation, the **Emergi-Safe Ltd** installation team quickly developed a practical on-site solution.

To achieve the required aperture dimensions, sections of brickwork restricting the openings were carefully cut back and reworked to create the correct structural opening size for the new doorsets.

Although this resulted in several additional days of challenging remedial work, the team successfully overcame the obstacle without compromising quality, compliance, or safety standards.

Once the apertures had been corrected, the new fire doorsets were installed precisely and performed exactly as intended.

Results & Benefits

The completed project delivered fully compliant fire door installations across the Nursery, **Health Centre, Sports Centre**, Hastings and Skinner Buildings, significantly improving passive fire protection measures throughout the school estate.

Key outcomes included:

- Improved fire compartmentation and life safety protection
- Fully compliant fire doorsets installed to current standards
- Enhanced safeguarding for students, staff, and visitors
- Minimal disruption to day-to-day school operations
- Successful resolution of unforeseen structural challenges
- High-quality workmanship delivered under difficult conditions

> *"When clients value compliance as highly as we do, it creates the foundation for strong working relationships and exceptional project outcomes."*

Conclusion

The fire door installation project at Culford School reflects the importance both the school and Emergi-Safe Ltd place on compliance, safety, and long-term protection.

By working collaboratively and overcoming unforeseen structural challenges within the Skinner Building, Emergi-Safe Ltd successfully delivered a compliant, high-quality fire door solution across the Nursery, Health Centre, Sports Centre, Hastings and Skinner Buildings.