



TRICEL
GENERATIONS OF INNOVATION

CASE STUDY

**Fire Safety Without Compromise:
LPCB-Approved Protection for Education Facility**

Project Information

Client: SEN School

Location: Falkenham

Date: 15th November 2025

Timeline: Project Completion: Q3, 2025

Industry: Education – Fire Safety Compliance

Contractor: Tricel Water in collaboration with local M&E contractor

Project: LPCB-approved sprinkler tank installation during school holiday window to meet BS EN 12845 and BS 9251 standards

TANK TYPE/DIMENSIONS:

GRP Sprinkler Tank – custom sectional design (approx. 11m x 3m x 3m or sized to plant room constraints)

Compliance standards: LPCB-approved, BS EN 12845, BS 9251

Current Project Status: Tanks in Final Installation Phase & Sign Off

The Solution



Fire Safety Water Storage for Special Education Needs (SEN) School

Tricel Water successfully delivered an LPCB-approved sprinkler tank installation for a UK school, ensuring compliance with BS EN 12845 and BS 9251 standards. The project required precise coordination to meet strict safety regulations and minimize disruption during term time. Through expert planning and collaboration, Tricel provided a robust fire protection solution that enhances life safety and supports long-term resilience for the facility.



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COMPLEX SITE, CRITICAL SAFETY REQUIREMENTS

- Compliance with LPCB and BS EN 12845/BS 9251 standards
- Limited installation window during school holidays
- Space constraints in existing plant room



RESULT

- Full compliance achieved with LPCB and BS standards
- Installation completed on time with zero disruption
- Enhanced fire safety and resilience for the school



SOLUTION:

TRICEL SUPPLIED AND INSTALLED

- Custom-designed sprinkler tank to fit restricted space
- Rapid installation scheduled during school holiday period
- Provision of DWG/BIM files for consultant approval

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