

CASE STUDY



CABLE DUCT SEALING

NOV 2024

GPT was commissioned to install a certified mastic-based sealing system across a large-scale facility to ensure all 313 cable duct penetrations were made fully fireproof, watertight, and gas-tight. The purpose was to prevent water ingress into buildings across the site, and enhance overall fire resistance within the facility.

SCOPE OF WORKS

- Sealing of 313 individual 150mm cable ducts throughout multiple buildings and service areas.
- Preparation of each duct, the installation of fire- and water-resistant packers, and the application of a specialist mastic sealing system (certified for fire, gas, and water protection).
- Two-person installation team across general access areas, with a confined space three-person team assigned to locations with limited access or restrictive environments, ensuring all relevant health and safety protocols were maintained throughout.

OUTCOME

All 313 cable duct penetrations were successfully sealed, ensuring full fire resistance and protection against water and gas ingress.

The installation supports the site's safety and compliance requirements and was delivered efficiently, with minimal disruption to ongoing site operations.

Get in touch to discuss how we can help you ensure long-term protection for your critical infrastructure.

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Need to safeguard your critical infrastructure against gas or water ingress? Call us today **01656 741799**

