CASE STUDY:

Northern Hospital, UK

Fibrelite Supply Made-to-Measure GRP Trench Covers to Fit Precast Concrete Troughs at Northern English Hospital

Fibrelite were contacted by Laing O'Rourke regarding this project at this hospital redevelopment project. Concrete duct troughs had been sourced prior to the trench covers, meaning that (prior to contacting Fibrelite) the customer had struggled while trying to find a supplier capable of offering a made to measure trench covering solution.



Retrofit Fibrelite trench covers proved an ideal solution to fit the existing precast concrete troughs



Fibrelite were contacted by Laing O'Rourke to provide a made-to-measure solution

Key Requirements

- Custom manufactured covers designed to fit precisely within the existing rebate and clear opening dimensions of the previously acquired precast concrete troughs.
- Trench covers stepped 117-150mm in order to reduce cover weight so as to keep within tolerance for safe manual handling.
- D400 load rated trench covers in order to cope with frequent heavy wheel loads.
- Strict product quality requirements.
- Strict project completion deadlines.

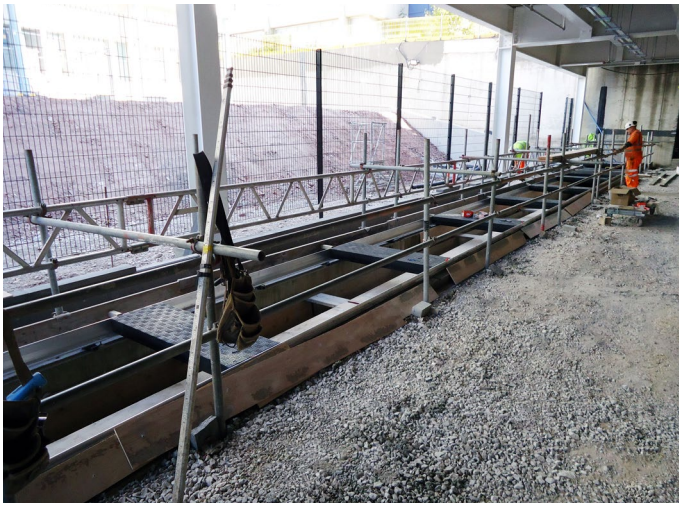


Concrete duct troughs had been sourced prior to Fibrelite trench covers being specified

FIBRELITE

PART OF OPW a DOVER company

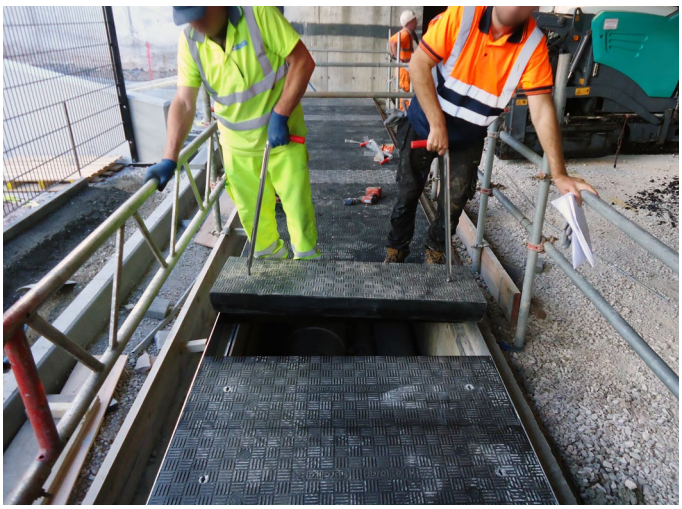
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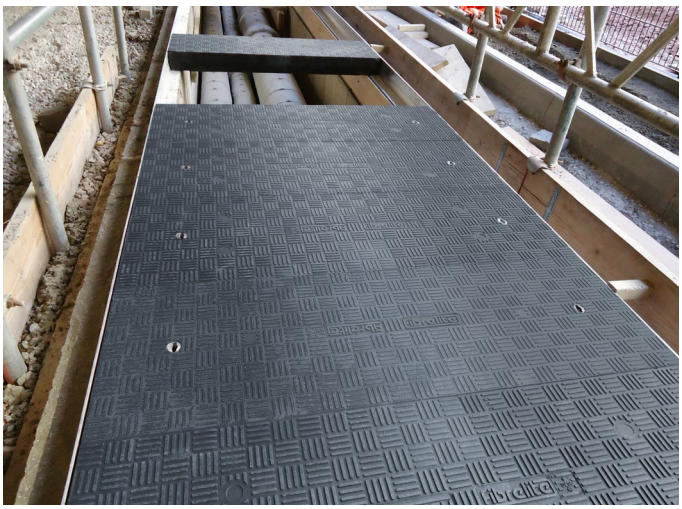
Custom manufactured covers were required which could fit precisely within the existing rebate



Trench covers were stepped from 117-150mm to reduce cover weight and keep within tolerance for safe manual handling



Easy manual removal using the Fibrelite FL7 lifting handles



D400 load rated covers to handle the frequent heavy wheel loads

The Fibrelite Solution

- Fibrelite GRP composite trench covers manufactured to fit precisely within the existing rebate and clear opening dimensions of the previously acquired precast concrete troughs.
- Trench covers stepped 117-150mm in order to reduce cover weight so as to keep within the tolerance for safe manual handling.
- D400 load rated trench covers to cope with frequent heavy wheel loads.
- Easy access to trench services using the ergonomically designed Fibrelite FL7 lifting handles due to Fibrelite covers' industry leading strength to weight ratio.
- Anti-slip/skid tread pattern.
- Corrosion resistant.