



Previously installed heavy concrete trench access covers



Fibrelite's lightweight retrofit GRP trench access covers



The previously installed heavy concrete access covers had cracked

Project Overview

Fibrelite provided a lightweight retrofit replacement for failing heavy concrete trench access covers over an existing oxygen pipework trench at this UK hospital.

Problem

The previously installed concrete trench access covers over an oxygen pipework trench at this hospital were causing a number of issues due to both their weight and deterioration.

Key issues:

- The sheer weight of the previously installed concrete covers made them time-consuming and costly to remove and replace, as well as causing health and safety risks.
- The concrete covers were located on a public walkway and were causing a trip hazard for pedestrians because they had begun to degrade and crack.
- Potential to decelerate essential maintenance and repair works due to the time required to remove and replace the covers.



A bespoke replacement was required for the previously installed access covers



The previously installed concrete covers had begun to deteriorate



Fibrelite covers provide a safe walking surface

Solution

The Fibrelite technical team attended the site to conduct a full survey, following which they custom designed and manufactured a bespoke retrofit covering solution which fit directly into the existing frames.

Key benefits:

- All Fibrelite trench access covers can be safely removed and replaced manually by two people, saving time and cost.
- Quick and painless to install, no need for concrete break out: Fibrelite's custom manufactured trench access covers were retrofitted directly into the existing frames.
- Corrosion resistant: Fibrelite's access covers are unaffected by water, underground gasses and most chemicals.
- Fibrelite's anti-slip tread pattern provides a safe walking surface for pedestrians.



Fibrelite's anti-slip tread pattern, provides a safe walking surface for pedestrians



Fibrelite designed and engineered bespoke covers to fit existing apertures

Results

This hospital now has a trench access covering solution which can be removed and replaced quickly and safely manually by two people and will provide many years of trouble-free service.

Key Fibrelite benefits at a glance:

- Easy access to trench services using Fibrelite's ergonomically designed lifting handles.
- Successful application of the bespoke design solution.
- Fast installation.
- Corrosion resistant.
- Anti-slip/skid surface



For more information on Fibrelite's product range please contact us:

UK Office:

Tel: +44 (0) 1756 799 773

Email: enquiries@fibrelite.com

US Office:

Tel: +1 919 209 2404

Email: enquiries@fibrelite.com

Malaysia Office (Asia Pacific):

Tel: + 44 (0) 1756 799 773

Email: enquiries@fibrelite.com

Fibrelite's lightweight trench covers can safely be removed and replaced manually by two people

(Image used for illustration purposes and shows a different installation)