CASE STUDY:

Cadent Gas, Lancashire, UK

Cadent Gas Continue Rollout of Retrofit Replacement GRP Composite Trench Covers

Cadent Gas continues to replace their previously installed heavy cast iron with concrete infill trench covers with Fibrelite's lightweight retrofit GRP composite covers which can be installed directly into the existing apertures. Cadent Gas operates a large number of active AGI sites, many of which have several unique design requirements (e.g. retrofit/stepped/bolt down trench access covers). Given Fibrelite's unique capability to deliver bespoke design solutions, this has made for a highly beneficial partnership for both parties.



Previously installed heavy cast iron trench covers with concrete infill



Fibrelite's lightweight retrofit GRP trench access covers

Key Requirements

- A replacement for the previously installed concrete/iron access trench access covers, the sheer weight of which presented manual handling issues even to trained operatives.
- Covers designed to fit the complex interfaces of the apertures.
- The replacement covers needed to be D400 load rated and a secure bolt down design.
- The existing frame section needed to be replaced.

FIBRELITE
PART OF OPW a DOVER company

CASE STUDY: Cadent Gas, Lancashire, UK



The previously installed concrete covers presented manual handling issues



Previously installed heavy cast iron recess trench covers with concrete infill



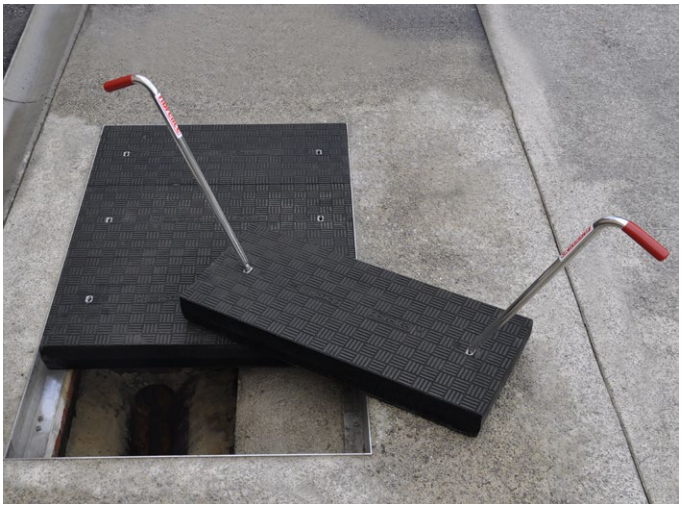
Fibrelite's lightweight trench access covers eliminate previous manual handling risks

The Fibrelite Solution

- The Fibrelite technical team attended the site to ensure smooth installation and to assess product suitability.
- Bespoke 117mm high grade aluminium frame sections supplied which accommodate the existing rebates, minimising upheaval to the site.
- All Fibrelite trench access covers can be easily and safely removed and replaced manually by two people using Fibrelite's ergonomically designed FL7 lifting handles.
- Fibrelite trench access covers were manufactured to D400 load rating and modified to include restraining bolts for added security.
- Fibrelite's lightweight trench access covers eliminate manual handling risks.
- Corrosion resistant.
- Anti-slip/skid tread pattern.



Fibrelite trench access covers can be easily removed and replaced by any two people using the Fibrelite's ergonomically designed FL7 lifting handles



Easy and safe two-person manual removal using Fibrelite's ergonomically designed FL7 lifting handles (image used for illustration purposes and shows a different installation)