

Lightweight Fibrelite Covers Solve Manual Handling Issues For Waste Water Access Point

Project Overview

Fibrelite provided a lightweight replacement for previously installed heavy (15cm thick) concrete/steel infill covers at an intersection in the center of Innsbruck, Austria.



Previously installed heavy (15cm thick) concrete/steel infill covers



Custom Fibrelite covers retrofit into existing frames, including an inspection port exactly over the slider

Problem

Removing the previously installed covers was time consuming due to the covers' weight (approximately 100kg). A specialised tripod was needed to lift the covers, which was both costly and time consuming. Because the covers were situated on a well used road it was essential to minimise maintenance time and subsequent disruption to traffic.

Solution

To minimise costly breakout and replacement of the previously installed frame, Fibrelite manufactured custom lightweight covers to fit directly into the existing frame. The covers included a water tide inspection port allowing operators to gain easy access to the slider beneath.

Fibrelite composite trench covers are manufactured so that the cover sits slightly lower than the existing frame, meaning snow ploughs will not damage the trench covers during the winter.



Fibrelite manufactured custom lightweight covers to fit directly into the existing frame

Results

Fibrelite's trench cover design allows covers to be lifted out without specialised lifting equipment. All Fibrelite trench covers can be easily removed by two people using the Fibrelite FL7 lifting handles.

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

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