

**Bespoke Retrofit GRP Trench Covers Provide Long-Term Cost & Time Savings To UK Hospital**



**FIBRELITE** 

<b>Location</b>	A hospital in the UK
<b>The challenge</b>	<p>Fibrelite provided a lightweight retrofit replacement for failing heavy concrete trench access covers over an existing oxygen pipework trench at this UK hospital.</p> <p>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.</p> <p>Key issues:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• Potential to decelerate essential maintenance and repair works due to the time required to remove and replace the covers.</li> </ul>
<b>The solution</b>	<p>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.</p> <p>Key benefits:</p> <ul style="list-style-type: none"> <li>• All Fibrelite trench access covers can be safely removed and replaced manually by two people, saving time and cost.</li> <li>• 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.</li> <li>• Corrosion resistant: Fibrelite’s access covers are unaffected by water, underground gasses and most chemicals.</li> <li>• Fibrelite’s anti-slip tread pattern provides a safe walking surface for pedestrians.</li> </ul>
<b>Results</b>	<p>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.</p> <p>Key Fibrelite benefits at a glance:</p> <ul style="list-style-type: none"> <li>• Easy access to trench services using Fibrelite’s ergonomically designed lifting handles.</li> <li>• Successful application of the bespoke design solution.</li> <li>• Fast installation.</li> <li>• Corrosion resistant.</li> <li>• Anti-slip/skid surface</li> </ul>
<b>Further details</b>	<a href="#">Explore Fibrelite’s technical case studies here</a>