

iLine - sewer & culvert rehabilitation specialists

iLine are sewer and culvert rehabilitation specialists with over 15 years of installation experience in the renovation of ageing & dilapidated structurally unsound pipes & culverts.

iLine is one of the UK's most experienced trenchless rehabilitation provider, offering clients such as Network Rail, EA, HA, public sector and a host of other blue-chip clients, a reliable and unbeatable service working to the highest health, safety and environmental standards, whilst maintaining cost-effectiveness.

iLine are based in Northampton & South Wales and operate throughout the UK, Ireland and overseas. We are Network Rail RISQS approved, and also hold CHAS, Constructionline, Builders Profile and CIRAS accreditations. With an unbiased approach, and vast experience, we offer a fully comprehensive range of solutions.

SOLUTIONS OVERVIEW

CIPP GRP-UV cured liners – A bespoke jointless, seamless, pipe-within-a-pipe process designed in accordance with ASTM F1216-16 & Eurocodes BS EN 1991-2-2003 loadings to provide a fully structural standalone solution with up to 100 years design life. The UV curing process is portable, quick and cost-effective with a fully structural solution. Available diameters



The completed CIPP lined pipe

range from 225mm up to 1800mm diameter (up to 30mm thick), over lengths up to 150m. Curing times can be as fast as 1m/minute, depending upon diameter and liner thickness, so the process can be very speedy & much less disruptive than other CIPP methods.

The use of ECR glass specially designed for UV curing (higher glass transparency) delivers higher strengths coupled with thinner wall thickness, ensuring a cost-effective solution with a minimal loss of cross-sectional area.

iLine's CIPP processes consistently produce very high mechanical strengths with excellent long-term elastic modulus of over 12,445 MPa.

The overall process works from a very small footprint, with less equipment on site and is extremely fast, which in turn minimizes delays to traffic, the public, utilities and transport networks, whilst reducing air pollution, noise pollution and is an environmentally friendly process ensuring zero damage to existing water treatment works (which is a major environmental concern for traditional hot-cured CIPP processes).



Design and studies – A full design service can be provided for each installation project. iLine carry full professional indemnity insurance to support their design offerings. In addition to bespoke liner design, we also offer feasibility services including environmental & eco surveys, topographical surveys, land drainage applications and production of Forms 001/002/003 for Network Rail.



Patch liners - Localised no-dig repair using short structural repair sleeves. Very cost-effective. Also available for pressure applications. Up to 1200mm diameter.

GRP Structural segmental lining – Bespoke prefabricated liners made from glass reinforced plastic (GRP) are fixed in place and then grouted into position. All shapes and sizes including circular, oval, egg, rectangular, square or bespoke sections available up to 7000mm diameter. The GRP liner provides an impermeable and very high-strength sandwich type structure.



Existing flows can be easily accommodated during installation.

The panels can be manufactured in two or more sections, and can be designed as fully structural, or semi-structural with design life up to 100 years.

Pressure liners – Fully structural solution for all pressure pipe rehabilitation using a variety of solutions & pressure ratings dependent on application. The liners consist of a special PE inner coating, with a pure resin layer. We can install pressure pipes up to 1500mm diameter, with operating pressures up to 12 bar.

CCTV Survey - Full condition assessment surveys, pre & post rehabilitation surveys, including 3D mapping facilities.

Sewer cleaning - High pressure water / cleaning of pipelines and culverts.



iLine Technologies - with over 15 years pipe rehabilitation experience & thousands of successful installations giving you the peace of mind that you are in safe hands.