
**PROVIDING SUPPORT TO THE
CONSTRUCTION INDUSTRY BY SUPPLYING
CURED IN PLACE PIPE (CIPP) LINING TO
COVER DRAINS, SEWERS AND PIPELINES**

CLIENTS BENEFIT FROM
LINING SUPPORT'S
SEWER AND PIPE
CIPP LINING THAT
IS SELF-CONTAINED,
CARRYING THE
BOILER AND
INVERSION UNIT.





Lining Support & Installations Ltd

Based in Doncaster, Lining Support & Installations Ltd provides support to the construction industry by supplying Cured in Place Pipe (CIPP) lining to cover drains, sewers and pipelines, using different resins and methods of installations that suit any location.

The installations range from 100m-1,200m and clients can be sure of benefiting from the very best service given the background of the Managing Director, Chris Brown.

Starting out working on CCTV rigs, he progressed and gained experience at Ferro Monk Systems - a leading CIPP lining company - before setting up Lining Support to specialise in this work.


The list of companies Lining Support has worked with is lengthy and incorporates Costain, Dalrod Cambridge, Wilkinson Environmental, Molson Coors, the Tex Services Group, Willis Bros, and Cheshire East Highways to name a few.

Clients benefit from Lining Support's sewer and pipe CIPP lining that is self-contained, carrying the boiler and inversion unit.

Where possible, the vehicle is energy efficient and with the generator and air compressor incorporated, towing is not necessary.

It is a process that can be undertaken without disruptive excavation that will cost the client more money.

Lining Support manufacture each liner individually to suit the different pipes that are to be lined. Each client can determine the thickness of lining, the tubes of which are made of polyester felt with an outer coating of polyurethane.



The lining tube is installed thanks to a liquid resin that suits the environment of the pipe and after this step, the liner is installed.

This process involves cleaning the host pipeline through a combination jet/vacuum unit and also inspecting the pipe, using a pan and tilt CCTV.

It results in the pipeline being free of silt, debris, tree roots or intrusions that could affect the installation lining.

Lining Support then accurately plot all incoming lateral connections so that they can be reopened upon completion of the lining process.

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The end of the liner is turned inside out and clamped to a collar over the installation manhole, and water is introduced into the turned-back section, therefore creating a head of pressure that causes the lining to continue turning inside out along the defective pipe.

Adding air and water maintains the head, which also keeps the lining inverting to make sure it is held firmly against the internal surface of the host pipe.

Once installation is complete, the water in the lining is circulated thanks to a mobile water boiler in order to gradually raise the temperature and achieve a controlled cure of the resin.


When this happens, the structure lining ends are cut and trimmed, with any laterals that have been covered, reopened using Lining Support's robotic lateral cutter.

The reopened laterals are inspected using a CCTV camera to ensure that reopening has occurred cleanly and will not cause rags to collect where the lateral joins the newly lined sewer.

Lining Support also undertake small diameter CIPP installations, which sees the lining installed using a resin that cures at ambient temperatures so that a bulky mobile boiler isn't required.

The lining, in this case, is winched into the pipe through already-existing manholes and a removable inner hose is inverted through the lining, using a small head of water.

This inflates the lining to fit tightly against the defective pipe until it cures - which usually takes between two and four hours.



When curing is complete, the inner hose is removed and the liner ends are trimmed.

The approach used by the Company is a one-stop unit that is absolutely ideal for hot cure liners in non-restricted areas.

Any relining units used are purpose built and are recently manufactured so customers can be safe in the knowledge that they will be of optimum reliability.

The on-board equipment is powered by vehicle-mounted generators and compressors, and other than the relining equipment, all units carry a wide range of health and safety equipment, guaranteeing safe, confined space entry.

Liners can be installed at an unlimited length and up to 300mm in diameter. Where the diameters are larger, traditional methods are used, such as a scaffold tower.

The use of CCTV drain surveys gives the Company's engineers the chance to view, record and produce a DVD inside the drains of any customer without excavation.

It is invaluable because it will help to pinpoint the cause of any reoccurring drainage problems that any company may be experiencing.

The sewer inspections with CCTV take place at both ends prior to and immediately after relining, assuring every client that the liner has been correctly installed, free of any defects.

It is this type of quality assurance that sets Lining Support apart from its contemporaries, and the Director of CCTV Drain Surveys Ltd, Steve Foxhall, spoke of his experience of working with Chris Brown and the Lining Support team.

He said: *"Having worked with Chris on different projects, I have found his experience and advice are of a high standard."*

"Chris has a great knowledge of pipeline rehabilitation solutions and a great range of varying contacts and I would recommend Chris to anyone looking for pipeline rehabilitation help or advice on any-size project."

"Committed and dedicated, he can get the job done."

For more information about lining installation,
contact chris@liningsupportandinstallationsltd.co.uk
or call 07908209985.

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