



Interline CIPP



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Interline CIPP (Cured In Place Pipe) is a structural liner that restores the efficiency, reliability and integrity of ageing sewers and pipelines. It is available for installation in pipe sizes from 150mm up to 1200mm.

Interline CIPP a polyester resin saturated felt liner that is installed by inverting the liner within the host pipe and then curing it using hot water or steam. Because the lining is in a soft state when it is installed, Interline CIPP liner will conform to the shape of the host pipe making it suitable for installation in non-circular pipes and pipes with bends and changes in direction.

The strength of the liner is dependant on the liner wall thickness and can be selected to suit design or structural requirements.

When cured Interline CIPP has sufficient strength to resist pipe loadings and provides a smooth, chemically resistant internal surface which restores or often improves the hydraulic capacity of the original pipe. The end result is a renewed asset with an expected service life of at least 50 years.

Interline CIPP Installation

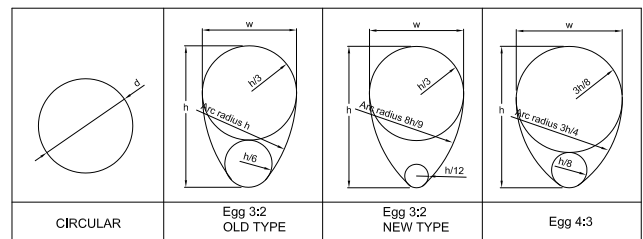
1. The pipeline requiring renewal is measured and the felt liner is manufactured to suit
2. The felt liner is impregnated with resin
3. The pipeline is cleaned and prepared for lining
4. The installation site is established at existing access chamber or access point
5. The impregnated liner is delivered to site and installed by inverting it through the host pipe.
6. Heated water or steam is passed through the liner to promote the resin to cure.
7. After curing the liner ends are trimmed and sealed to the access chamber wall and any laterals are immediately reconnected by robotic cutting.



Flexible Liner

Interline CIPP offers a strong flexible liner that:

- provides a "close-fit" with the host pipe so the loss of cross sectional area is minimised
- conforms to the geometry of the host pipe so both circular and non-circular cross-sections (e.g. ovoids) can be lined
- can negotiate bends in pipelines and changes in direction
- can be installed in pipelines made of any material



Interline CIPP is suitable for all circular and ovoid pipe shapes, including pipes with bends and changes in diameter.

Proven Technology, Proven Contractor

The Interline CIPP system utilises materials which are used for renewal of sewer pipelines worldwide. Polyester-felt composite CIPP lining systems have long been recognised and accepted as a proven method of renewing sewer and wastewater pipes. The technology has been in use since the early 1970's and is the most widely used sewer pipe lining system in the world.

Interflow : The Total Solution Provider

Interflow is committed to offering its clients a cost effective solution in all situations. Interline CIPP forms part of the range of products within Interflow's product set. Interline CIPP is compatible with Interflow's lateral sealing, patching and lateral lining products.

Environment

Renewing deteriorated pipelines has a positive effect on the environment by reducing potential sewage exfiltration, reducing ground water infiltration and eliminating the risk of collapse. Interline CIPP is the latest in the suite of Interflow's product offerings that achieve this aim without the need for excavation.

Interflow carefully selects its products and develops installation techniques that have a positive effect on the environment and community.

With Interline CIPP you not only get a trenchless solution but the peace of mind of dealing with the leader in trenchless pipeline renewals. Renewing pipelines is more than just the re-lining product. In order to offer a valuable solution to the client it is important to have the experience of working with high sewage flows, particularly in large diameter pipelines. For more than 20 years Interflow has been developing this expertise and has an unrivalled track record in this field.



The Interline CIPP resin impregnation process is performed inside controlled conditions

Community

Traditionally deteriorated ovoid pipes and circular pipes with bends and changes in direction have been difficult to reline. This has meant that disruptive dig and replace methods have often been required to renew these pipelines.

Interline CIPP provides a trenchless lining solution for rehabilitating ovoid pipes and pipes with bends thereby reducing the need for excavating.

Fewer excavations means less disruption to the community.



Safety our workers is a priority.

Interflow strongly encourages safe work practices and protecting the safety of the community and our workers is a priority.

Interflow has applied its successful safety management systems to this product and process. Our policy of aiming to have zero harm on the environment, community and our workers is continued with Interline CIPP.

Interline CIPP

Structural Lining for
Deteriorated Pipelines
from the Total Solution
Providers.

Experience

Interflow has been using trenchless products to renew pipelines since 1991 and remains committed to providing products and services that offer the greatest value to its clients. Interline CIPP is the latest addition to the suite of pipe lining products offered by Interflow. With the addition of Interline CIPP Interflow can now offer a competitive trenchless solution in a wider range of circumstances.

Interflow has installed Interline CIPP for most major water authorities in Australia.

With Interline CIPP, and backed by Interflow's proven experience, you can be confident that your getting the best value for money and your assets will be renewed to the standard you expect from Australia's leading pipeline renewal contractor.



Certification

Interline CIPP comes with a complete set of test reports demonstrating the suitability of Interline CIPP for long term use in sewer environments.

Specific reports can be provided on request. With Interflow's commitment to quality you can be confident that your infrastructure has been truly renewed.



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