

# HOW TO RESTORE PIPE INTEGRITY WITH VERSATILE REPAIR SOLUTIONS

Repairing underground water assets can be a costly and time-consuming task, with pipes and sewers being hard to reach. For councils, maintaining functional water and wastewater infrastructure requires a versatile, long-term solution that not only repairs damage, but also restores pipe integrity.



**W**ater asset management demands regular maintenance and repairs as underground assets are susceptible to damage from high flow, tree roots and gradual deterioration.

But with different pipe sizes, materials and application along pipelines, council maintenance teams must select the right solution – which is often unique for each job – making repairs expensive and time-consuming.

When a council is responsible for overseeing different water, wastewater and stormwater assets, a versatile, long-term solution is vital to keeping costs down and essential services functioning.

## A STRAIGHTFORWARD SOLUTION

While repairing underground assets can be tedious, the Quick-Lock system offers a straightforward installation and operation process to repair and strengthen pipelines.

The Quick-Lock system is a trenchless pipe rehabilitation solution that provides structural repair to the inside of pipelines.

With a CCTV crawler, the system can be transported to the point of repair. The packer inflates once in position while the system's locking device holds the sleeve against the pipe to seal the damage, keeping out groundwater.

The ring space between the liner and old pipe is then permanently sealed, becoming watertight. In turn, this reduces the pipe's vulnerability to infiltration and exfiltration. Alternatively,

a liner end can be protected against the effects of high-pressure cleaning using a Quick-Lock liner end seal, making the Quick-Lock a long-term solution.

Not only is the quick installation process easier for council water teams, it also means minimal disruption to the public, little to no excavation and less frequent maintenance.

## VARIETY OF APPLICATIONS

Quick-Lock has a variety of applications for different pipes and materials, including concrete, clay, PVC and steel pipes.

As a versatile rehabilitation solution, Quick-Lock can repair:

- Holes
- Circumferential and longitudinal cracks
- Cross bores
- General inflow and infiltration damage
- Root infiltration
- Leaks
- Joint displacements

On top of repairing pipes, Quick-Lock can also be used to connect pipe liner systems and rehabilitate walkable sewers.

With many approvals around the world, including being DIBta and WRc Approved, NSF Certified and the Water Services Association of Australia endorsed, Quick-Lock is a reliable solution designed to meet rigorous industry standards.

Quick-Lock requires no chemicals, making it safe for use with sewage, stormwater and drinking water. This

ensures councils can meet regulatory requirements to provide safe water supplies for residents.


## BUILT FOR LONGEVITY

Quick-Lock, unlike other rehabilitation systems, is built for longevity. Made of 316L stainless steel, the sleeve body has high corrosion resistance, allowing it to function in sewage and potable water without deteriorating.

Quick-Lock is designed to be a long-term solution that provides decades of security for water providers and customers. The system strengthens the structural integrity of pipes by increasing load-bearing capacity, which becomes vital when pipes are handling heavy loads in populous areas.

By extending the lifespan of existing water assets, Quick-Lock can help councils save on maintenance costs for pipe replacements.

As one of Australia's leading pipe rehabilitation equipment suppliers, Sewer Equipment Company (AUST) better known as SECA, has decades of experience with providing affordable asset management solutions.

As well as supplying Quick-Lock to Australian water providers and maintenance teams, SECA also offers installation training to new clients interested in using Quick-Lock for the first time. 

For more information on how Quick-Lock can repair water assets for your council, head to [www.seca.com.au](http://www.seca.com.au).



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