

SYLWRAP Case Study



600mm Asbestos Cement Pipe Sleeve Repair

A buried 600mm asbestos cement pipe leaking from both ends of a sleeve in Mexico required a flexible repair capable of effective application in a trench



A trench was dug to attend to the buried pipeline



Superfast Copper sealed the gaps between the sleeve and the surface of the pipe



Wrap & Seal was used to reinforce Superfast Copper



SylWrap HD encompassed the sleeve, completing the repair

Defect

A water company had been carrying out work initially on a 500mm pipeline when they discovered a failure in a 600mm parallel line.

Water was leaking from both ends of a sleeve. Replacing the damaged section would have been difficult as the pipe passed under a building 10 metres away from the leak area.

To reach the pipe, a trench was dug affording room of 0.5 metres one side, 1.7 metres the other and minimal space between the line and the ground. Any repair had to be effective in tight constraints.

Solution

The gaps between the sleeve and the pipe surface were plugged at both ends by pushing **Superfast Copper Epoxy Putty** deep into the spaces.

Despite the space constraints, **Wrap & Seal Pipe Burst Tape** was wrapped around each joint for further reinforcement of the putty.

The sleeve was encompassed with a **SylWrap HD Pipe Repair Bandage**, providing an rock hard protective shell before the pipe was re-buried.

Result

The repair was a complete success. The products were supplied as part of a **SylWrap Contractor Case**, designed to be stored on-site or on the van for contractors to make up to six live leak repairs.

With the water company investing in leak detection technology, the Case offers the perfect solution for rapid response as soon as problems are identified in the future.

