

EXPANDIT CASE HISTORY



Pipe Rehabilitation From Perco



Client: Millenium Estates/Laing O'Rourke
Project: Sewer Upsizing, Alexandra Tower, Prince's Dock. Liverpool
Sub-contractor: Perco Engineering Services

In March 2008 the Expandit team was in action on Liverpool's waterfront, upsizing a sewer servicing a new tower block on Prince's Dock.

An unusual aspect of the job was that the pipe undergoing bursting was a new and untouched, clayware sewer. Due to changing development plans, its original 150mm outer diameter was now too small and Perco was called in to install a larger 250mm OD pipe.

A small launch pit was excavated at the southern end of a 40m leg of the sewer, running under the Prince's

Parade road. The reception point for the mole was an existing manhole close to the tower block's digester tank pit.

Perco installed Snap-it segmental pipes, in 790mm lengths and 250mm OD, jacked into place behind the Expandit bursting head.

This pipe is manufactured in a number of water industry-approved polyethylene grades and SDR, and uses snap together jointing, sealed by an EPDM rubber O-ring.

Due to the controlled hydraulic action of the mole restricting ground heave, no damage was caused to the road above and traffic was unaffected.

For more information regarding this project please contact our Sales Director, Nick Sheehan on 01604 590200.