

# Case Study – 54" Encapsulation - Our Largest Live Encapsulation So far

During the 7<sup>th</sup> & 8<sup>th</sup> October, R2M Site Services installed a 1350mm Nova Siria Duofit encapsulation collar over a leaking flange connection.

The pipe was bitumen coated steel and required a large amount of preparation in order to create a suitable surface to seal onto and the Nova Siria Duofit's 30mm range is ideal in cases such as this where the coating makes accurate measurements difficult to take prior to making the installation.

A further complication was the angled plane of the pipe although r2M Site services experienced team were easily able to coordinate the mechanical lifting required in order to fit the main halves of the clamp.

The installation was leak tested once up to full pressure and completed with a commissioning valve as a final turn off point.

Being a major trunk main of this size, a conventional shut off and piece in repair was highly prohibitive due to the exceptionally large number of properties whose supply would be disrupted and the resultant fines and compensation that would need to be paid to the customers under the water company's licence obligations.

A permanent repair was made with no disruption or de-pressurisation.

