

24Inch Duofit Encapsulation – Canadian Avenue, Catford

On Thursday Sunday 17th June, R2M Site Services engineers installed a 24” Nova Siria Duofit Encapsulation collar on a live, leaking cast iron main. The Duofit encapsulation collar was an off the shelf model meaning it was available from stock for immediate delivery. It’s range of 675-645mm (30mm tolerance) enables the fitment onto various materials, whilst allowing for ovalization of the pipe. The leak was first reported to R2M Site Services on Thursday 14th, then the pipeline was calipered by the customer on Saturday 6th, in order that the installation of the clamp took place the following day.

The leak on this coupler had been temporarily ‘knocked-up’ and was not severe during the installation of the clamp. This meant that the internal cavity would not fill itself within a reasonable time, so it was filled externally and then hydraulically tested using a test pump in order to check for leaks and ensure a leak tight seal had been achieved.

The final operation was to close the commissioning valve and install a plug. This live encapsulation alleviated the need for a shut off and disruption to a large number of customers and the related GSS fines that go with a large ‘shut’ of this kind. It also alleviated the need for flushing chlorination and sampling.

