

# 42Inch Duofit Encapsulation – Pontefract Close, Swinton

On Friday 15<sup>th</sup> June, R2M Site Services engineers installed a 42” 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 1120-1150mm (30mm tolerance) enables the fitment onto various materials, whilst allowing for ovalization of the pipe.

The leak on this coupler was severe and during the tightening process, a vent pipe was attached to the top vent valve to enable some of the escaping water to be diverted out of the excavation, which in turn, helped the pump to catch up with the water level. This is a technique often employed when encapsulating sever leaks under live conditions.

In this case, because of the difficult re-zoning challenges, over 100’000 customers supplies would be interrupted had a traditional ‘shut-off and piece in’ repair been made. The drain down time alone would take a number of hours meaning GSS fines would be incurred which would amount to a considerable amount.

