

48Inch Duofit Encapsulation – Houndslow Heath, London

On Wednesday 13th June, R2M Site Services engineers installed a 48” 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 1250-1280mm (30mm tolerance) enables the fitment onto various materials, whilst allowing for ovalization of the pipe.

The leak on this socket spigot joint was not severe and had been temporarily ‘knocked-up’. This meant that the installation could be conducted quickly and especially cleanly, although once complete, the testing was carried out by manually filling the internal cavity from the top vent, then pressurising the cavity using a hydraulic test pump. The clamp could then be inspected for leaks whilst a pressure degradation test is performed.

As with all live repairs like this one, no shut of was required which would have affected a large number of customers. This alleviates the risk of incurring high GSS fines due to the long drain down time and period of ‘off water’ for the end users.

