

Denso System Used on Irvine Trunk Main

An aging water main located near Irvine, Ayrshire, was identified by Scottish Water as needing replacement in 2017. The current pipeline, which supplies over 40,000 customers in the region, was to be replaced with a new 12km stretch of polyethylene pipeline. The contractor are Caledonia Water Alliance. A Winn & Coales Denso P1 Specification System was selected for the protection of various ductile iron fittings on the project as a result of their products meeting the requirements of the CESWI P1 Specification.

The specifications state that a petrolatum paste (Denso™ Paste) shall act as a primer and cover all areas to be protected. A smooth external profile is then created with the use of a profiling mastic (Denso™ Profiling Mastic) to cover any projections from the pipework. Finally, the profile is spirally wrapped with a protective tape (Denso Tape™) using a 55% overlap.

For extra security on this project, Denso SA PVC Outerwrap™ was used to seal the system and protect the exposed petrolatum tape from UV or any backfill damage.

CAPTION The ductile iron fittings on the Irvine trunk main replacement are protected with a Denso P1 System.

ENDS

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