



This detail shows the formation of a retrofit service entry through a concrete wall using a technique referred to as a "Box detail" where a box of mass concrete surrounds the penetration which allows for correct and better use of waterbars to prevent water ingress through the new service entry.

A service entry created in this way is much more resistant to water ingress than simply cutting a hole and attempting to seal around the outside of the pipe to the hole cut into the concrete.

A) Adhere abutted waterbar with recommended adhesive, secure with steel wire tie.

To access the details mentioned above, relevant NBS Clauses, product data and MSDS sheets, please visit Technical resources via www.newtonwaterproofing.co.uk

Newton System 300

Retrofit Box detail through an RC wall - pipe penetration - 315 Polymer Waterbar

NOTE: This is a waterproofing detail. For the design of the structure, please use a professional designer. We strongly recommend that Newton waterproofing systems are installed by our NSBC registered contractors who will guarantee, insure and accept liability for both the design and the installation of our systems. Please refer to product data sheets before installation of our products. Newton Waterproofing Systems reserves the right to update drawings.