

Section

Newton 403 HydroBond or
Newton 108 HydroBond-LM

Newton 109 -LM

Protection Board

Abraded pipe surface

Newton Pipe collar

Newton 307 Pipe Seal

Newton System
300 Waterbar

Newton System
300 Waterbar
(See note A)

DO NOT SCALE

Notes

This detail shows the formation of a service entry through an existing 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.

Protection of the membrane can be provided by the use of a suitably specified insulation, protection board or Newton 410 GeoDrain if a drainage board is preferred.

A) Alternatively adhere a suitable Newton System 300 Waterbar around the pipe with a recommended adhesive, abut the ends and secure with steel wire tie.

To access further details and relevant technical information please call our Technical Team on 01732 360095 or refer to our [website](#).

Newton HydroBond® System

Box Penetration - 403 HydroBond -
109-LM - 108 HydroBond-LM - System
300

NOTE: This is a Newton waterproofing detail and copyright remains with John Newton & Co. Ltd. (trading as Newton Waterproofing Systems). Any specification/advice provided is only valid if used with products supplied by John Newton & Co. Ltd. For the design of the structure, please use a professional designer. We recommend that Newtons' waterproofing systems are installed by our NSBC registered contractors who can offer insurance backed guarantees and accept liability for both the design and installation of our systems. Please refer to product data sheets before installation of our products. Newton Waterproofing Systems reserve the right to update drawings and product literature at any time.

Scale Not to scale	Drawing Reference H-D11	Original Reference	Drawing Revision d
Date 19/10/2017	Designed by DGB	Drawn by AJG	Checked by DGB