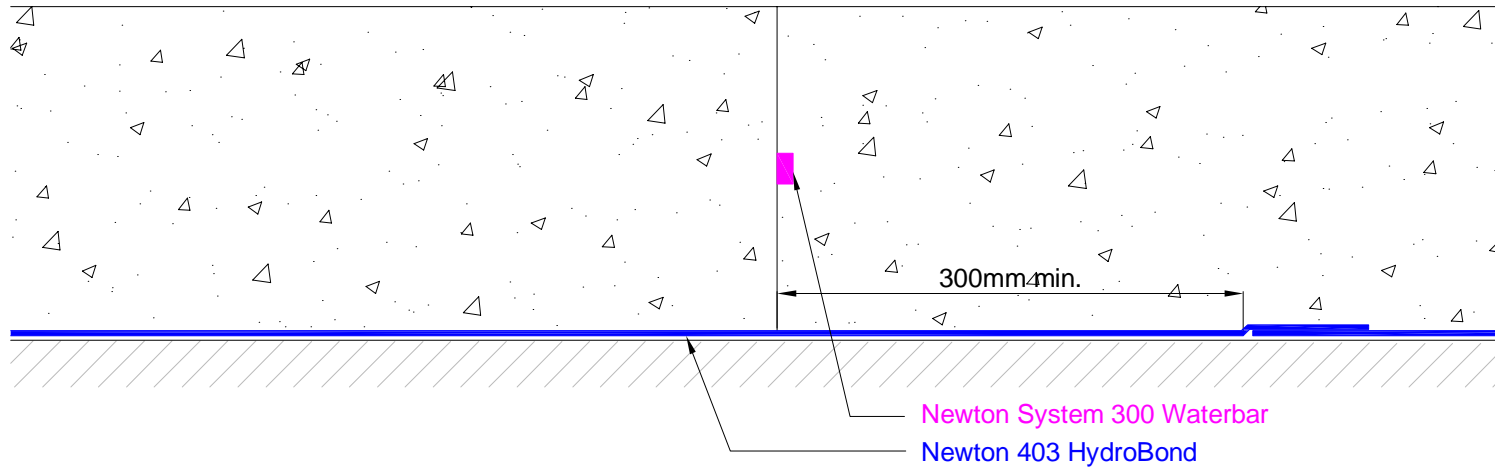


# Section

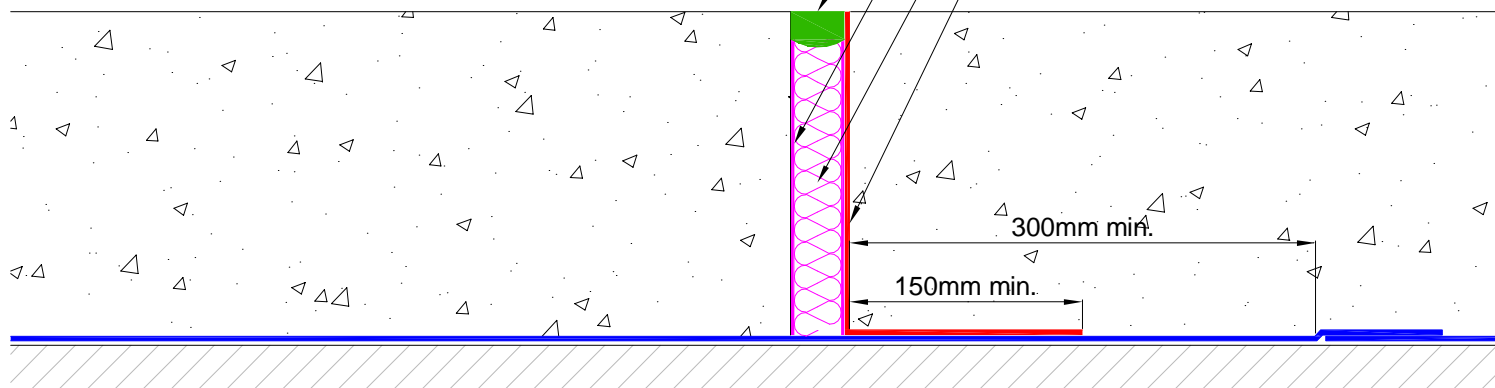
DO NOT SCALE

## Notes

### Retaining Concrete Raft Construction Joint



### Retaining Concrete Raft Isolation Movement Joint



This drawing shows a typical methods of waterproofing a construction joint and an isolation movement joint in a new RC structure. Construction should be to BS EN 1992 (Eurocode 2) and capable of resisting heads of water pressure as required by BS8102.

Newton 403 HydroBond is a mechanically bonded and self-healing membrane that is pre-applied ready for the placement of the concrete raft to a suitable smooth sound substrate.

A) Newton 311 FlexJoint adhered to RC slab with Newton 106 FlexProof-X1. Please refer to the Newton Technical Support team.

B) Newton 403 HydroBond glued to Newton 311 FlexJoint using Newton 106 FlexProof-X1. Extend a minimum of 150mm from a construction or expansion joint.

Newton 403 HydroBond laps should be a minimum of 300mm from a construction or expansion joint.

Where movement joints are included in the construction specialist advice should be sought to ensure continuity.

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

### Newton HydroBond® System

Construction & Isolation Movement Joints  
- 403 HydroBond - 106 Flexproof - 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-D02	Original Reference	Drawing Revision e
Date 20/10/2017	Designed by DGB	Drawn by CER	Checked by DGB