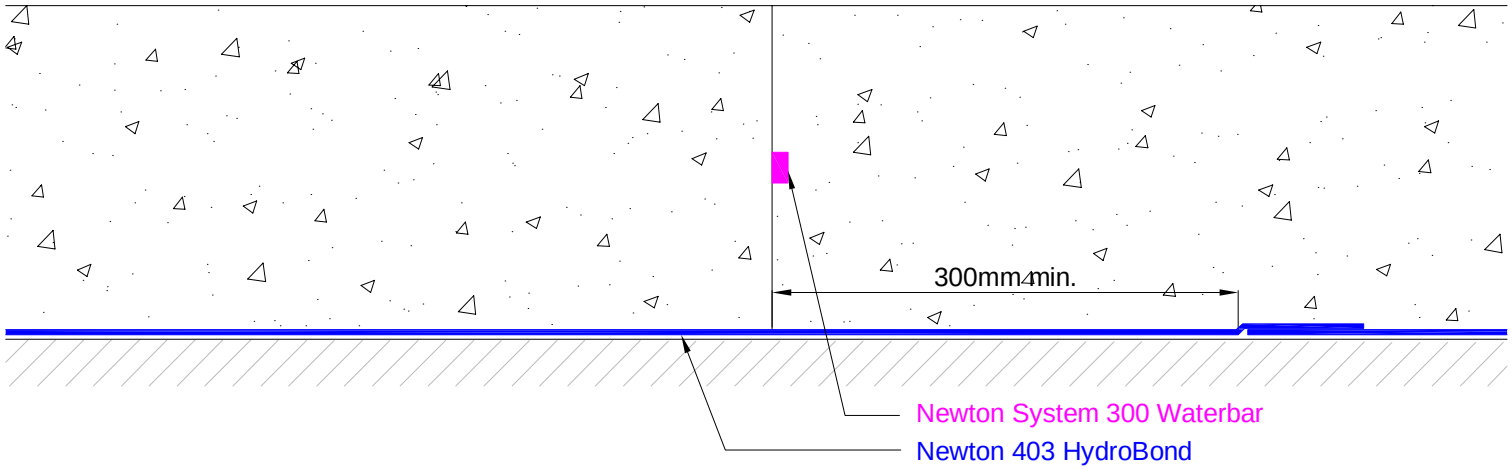
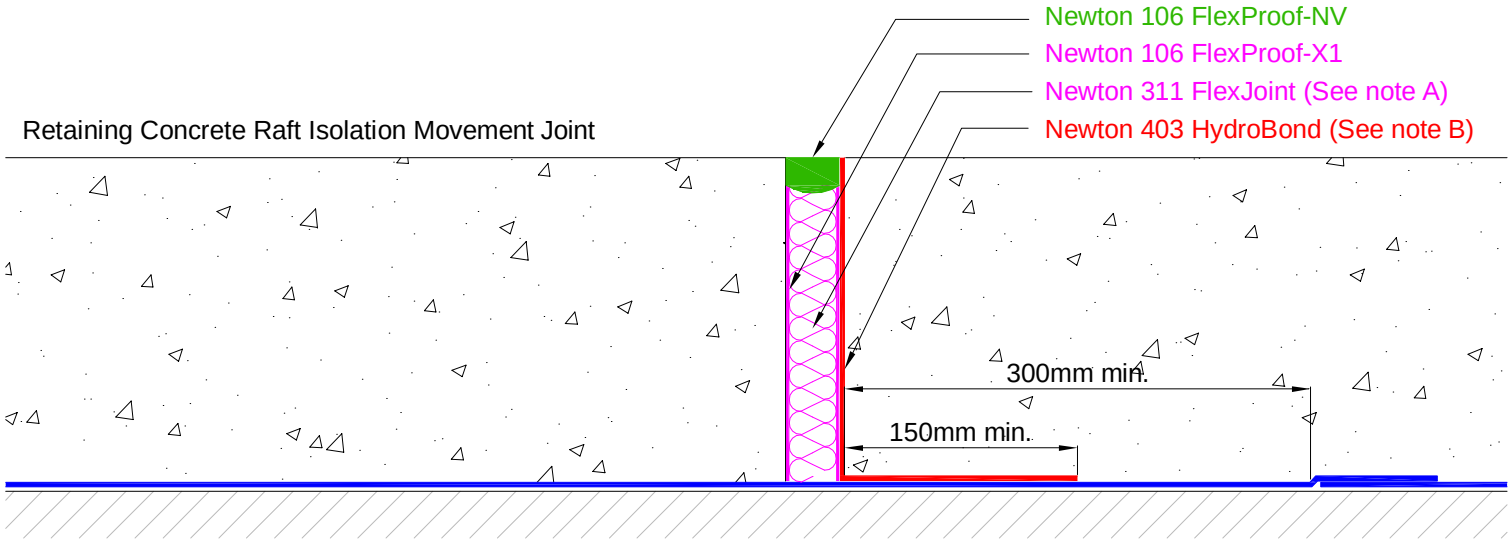
Section

DO NOT SCALE

Retaining Concrete Raft Construction Joint



Retaining Concrete Raft Isolation Movement Joint



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.

Notes

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

Newton HydroBond® System

Construction & Isolation Movement Joints - 403 HydroBond - 106 Flexproof - System 300

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Scale	Drawing Reference	Original Reference	Drawing Revision
Not to scale	H-D02		e
Date	Designed by	Drawn by	Checked by
20/10/2017	DGB	CER	DGB