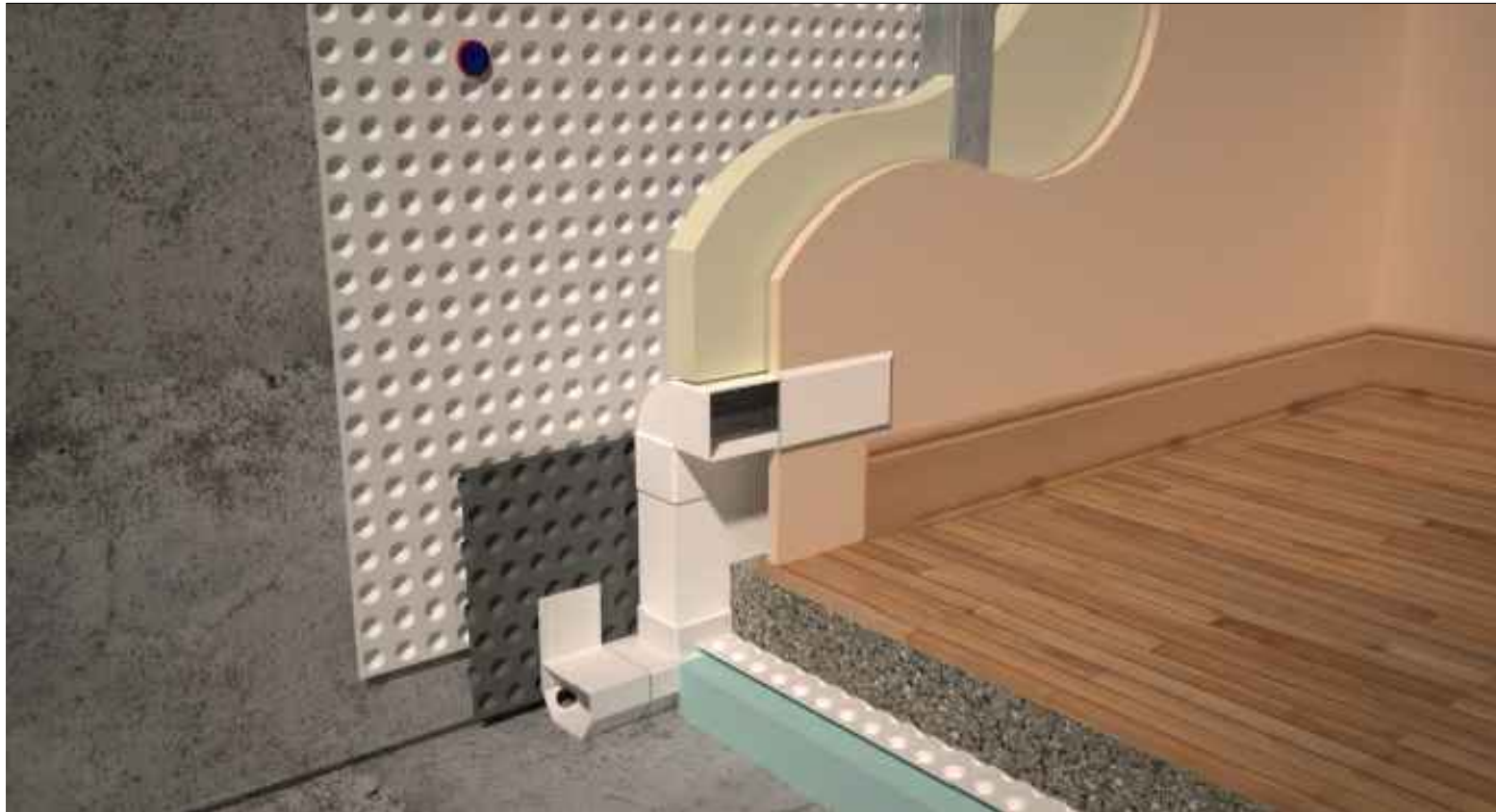


# Section

DO NOT SCALE

## Notes



This detail shows a Newton Basedrain Inspection Port, allowing access to the drainage channel and so makes Newton System 500 maintainable and so meets the requirements within 4.3.2 of BS8102:2009 that the issue of repairability should be taken into account and feasibility of remedial measure assessed.

The number and position of the ports should be confirmed with the newton NSBC registered contractor, but generally this is dictated by the positioning of the ports where they are accessible with out them being aesthetically displeasing. The size of the structure will also dictate the number of ports with an ideal maximum distance between ports of 12m.

To access the details mentioned above, relevant NBS Clauses, product data and MSDS sheets, please visit Technical resources via [www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)

Newton System 500

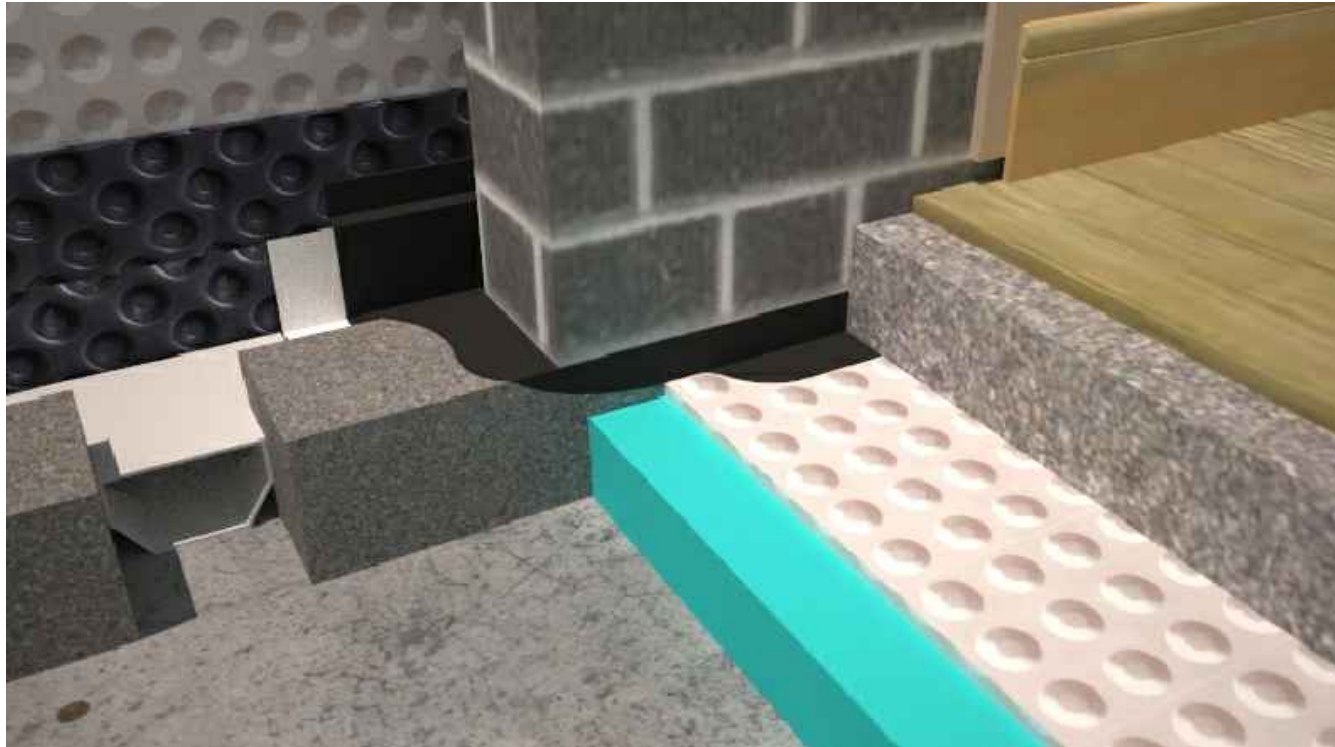
Inspection Port Detail

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. John Newton reserves the right to update drawings.

DO NOT SCALE

Notes

This detail shows Newton System 500 with the Newton T-piece acting as a spacer to allow water from the cavity into the drainage channel.



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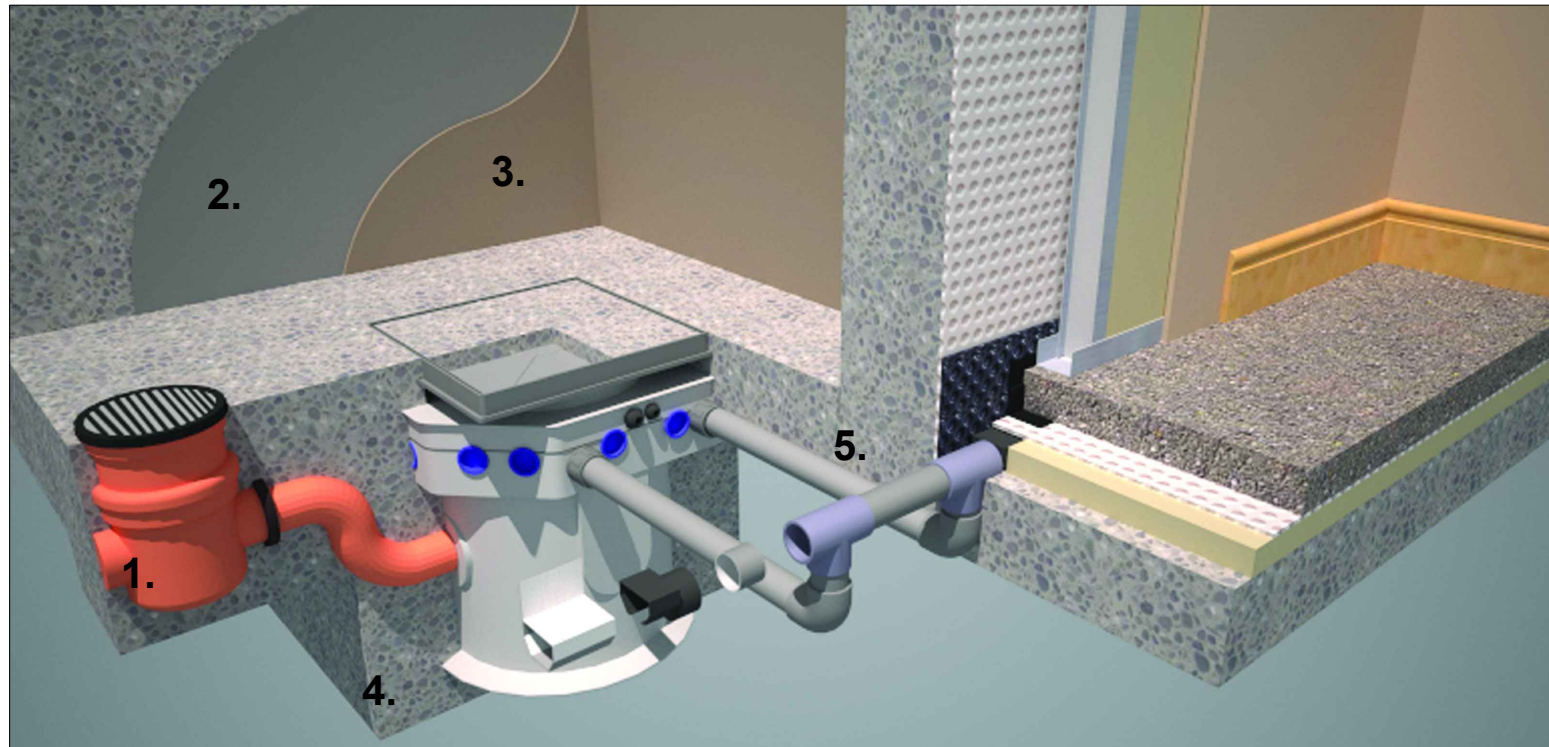
Newton System 500

Basedrain T-Piece through cavity wall.

See drawing CDM-RA-03

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Scale Not to scale	Drawing Reference CDM-D34B-3D	Original Reference	Drawing Revision 003
Date 21/03/2016	Designed by AJG	Drawn by AJG	Checked by DGB



This detail shows Newton System 500 drainage connections from Basedrain and gully to an externally sited Newton Titan-Pro White chamber.

The external space has been waterproofed with Newton 101F so as to prevent water leaking through the external lightwell walls which often results in unsightly staining.

1. Gully
2. Newton 101F
3. Newton LiquaBond cement render
4. Newton Titan-Pro White
5. Two 63mm T-Pieces connected to a drainage adapter completing the ring of Newton Basedrain. (See drawing CDM-D42)

The internal waterproofing shows Newton System 500 where the Basedrain is sat above the slab/raft adjacent to 50mm of closed cell insulation that acts as a spacer to ensure the floor membrane is above the drainage channel for further details please see drawing CDM-RA-01.

To stop smells from the chamber entering the internal environment please use a Newton Fountain Valve inside the Titan Pro White as per CDM-D32C, this uses water from the drainage system to create an air and odour tight seal.

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### Newton System 500

Lightwell showing connections from gully and basedrain to Titan-Pro White.

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