



- This detail shows how the Newton CDM System is detailed at a threshold. Use in conjunction with Newton drawings starting CDM-SA or CDM-RA where the Newton CDM FloorDrain is laid above the slab. If the Newton CDM FloorDrain is sat within a recess to the slab or raft as with drawings starting CDM-SW or CDM RW, detail CDM-D48B should be used.
- A) Newton CDM FloorDrain should always be laid level and connected to the sump chamber or safe gravity drainage with at least two Drainage Connectors, see drawings CDM-P03 (BaseDrain Layout & Parts) and CDM-P09 (Titan-Pro Pump System).
- B) Newton CDM Fibran XPS-500 C is placed below the Newton flooring membrane as a fully drained supporting spacer. The maximum floor load is 16 Mpa (1.6 tonnes/m2). Newton CDM Fibran XPS-500 C has a thermal conductivity of 0.035W/mk and as such will make a significant contribution to the U-value of the floor.
- C) Screed to manufacturers recommendations or current British Standard.

To access further details and relevant technical information please call our Technical Team on 01732 360 095 or refer to our [website](#).

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.

Reference	JN-CDM-D48A	Designed	DGB
Revision	d	Drawn	AJG
Date	22/11/2024	Checked	