

NEWTON DRAINAGE SYSTEMS

Newton System 500 is a Type C cavity drain membrane waterproofing system. Water is controlled and collected by designed air spaces for the water to depressurise into, ready for removal from the property. Cavity drain membranes are not able to do this effectively and safely on their own and so the drainage products are a very important part of Newton System 500.

Newton Basedrain collects water directly from the cold joint between wall and floor or at the kicker in a raft construction. Newton Basedrain can be placed either in a formed or cut recess, or on top of the floor within a spacer of 50mm to ensure that the floor membrane is above the drainage conduit. This spacer can be either a closed cell insulation, screed or concrete. Water collected by Basedrain is drained to a Newton sump or a safe form of drainage. Basedrain has an up stand that is placed against the wall membrane which has formed spacing lugs that provide a small gap that will collect condensation from the face of the membrane should this occur. Basedrain Corner Pieces are available for internal and external corners. Basedrain is fully maintainable via access points included in the installation.

Newton Floordrain is similar to Basedrain but does not have the up stand and the spacing lugs. Floordrain should be placed above construction joints to the floor to collect water ingress at this weak point in the structure. Floordrain is connected to the Basedrain outer ring with Newton Basedrain T Pieces.

Newton Baseboard is an above slab drainage conduit that is used where build constraints prevent the use of Basedrain at the wall/floor junction, for example where the structural raft or slab cannot be cut to make a recess, or where headroom is too tight for the Basedrain to be placed on top of the slab within the 50mm spacer.

Generally used as a remedial drainage system, Baseboard has been successfully used many times as a drainage conduit at the abutment of non-ground bearing slabs forming floors within deep basements.

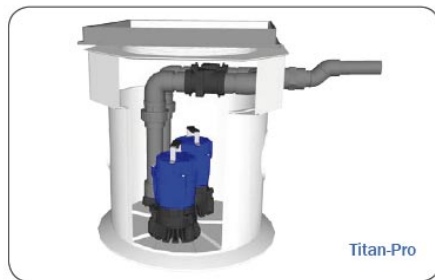


Newton Baseboard Kit

NEWTON PUMPS & PUMPING SYSTEMS

A Newton pumping system is required unless a safe form of drainage is available - defined as being: *“Drainage that is downhill of the property where it is impossible for the water to back-up to the Newton Waterproofing System. In most cases, the only safe method of removal is a Newton Pumping System.”* John Newton have a range of pumps and pumping system for all requirements of duty and water type, as well as accessories such as alarms, power back up systems, pump control and monitoring systems.

Pumping Systems



Titan-Pro



Titan

Pumps



NP150
Ground Water



NP400
Ground Water



NP400W
Waste Water
NP750S
Sewage



NP600 Cobra
Sewage



NP750
Ground Water

Pumps Accessories



Advanced Control Panel



3000C Power Converter



Alarm - PA12