



Hopbunker Craft Beer Bar, Cardiff

Basement Refurbishment of Iconic Music Venue

The Project

As part of the refurbishment of Northgate House in Cardiff City Centre, the basement was to be converted into [Hopbunker](#), a brand new bar for local craft brewery [Hopcraft](#). Fully earth-retaining, the basement was found to be suffering from water ingress, as well as lacking any existing forms of adequate waterproofing protection.

Newton Specialist Contractor [Protectahome](#) were contacted by the project developer to provide a complete design and installation service.

The Solution

Protectahome's specialist team installed a fully maintainable Type C [Newton CDM System](#) to provide a Grade 3 environment that was both suitable for Hopbunker and fully complied with the requirements of BS 8102:2009.

The bespoke system incorporated the use of [Newton 508](#) membrane, installed to all wall and floor surfaces, which drained water away using Newton [Basedrain](#). Three [Titan-Pro](#) sump chambers each containing two specialist [NP400](#) automatic pumps and protected by a [High Water Level Alarm](#) in each chamber.

The Result

As well as completing the project on schedule and within budget, Protectahome provided thorough protection to a venue that has since been credited as the Cardiff Pub of the Year for 2016 and 2017.

The Type C installation also conformed with BS 8102:2009, and Protectahome issued a long-term guarantee for the work.



Newton 508 was applied to all internal walls and floors.



Newton MultiPlugs and Waterseal Tape were used.



"Protectahome have been using Newton Waterproofing products for almost 20 years and find both the product quality, and technical support, to be first class in every respect.

Working with high quality products gives us, as a highly experienced installer, full confidence that our clients are receiving the highest quality of service, and waterproofing system, throughout the entire process."

Protectahome Ltd - Newton Specialist Basement Contractor

The Products

508

A high quality Newton System 500 cavity drain waterproofing membrane, manufactured from high density polyethylene and suitable for use internally to the retaining walls of below ground structures.

BASEDRAIN

A core set of components used within the Newton 500 system that receives ingressing water and directs it to a safe discharge point.

TITAN-PRO

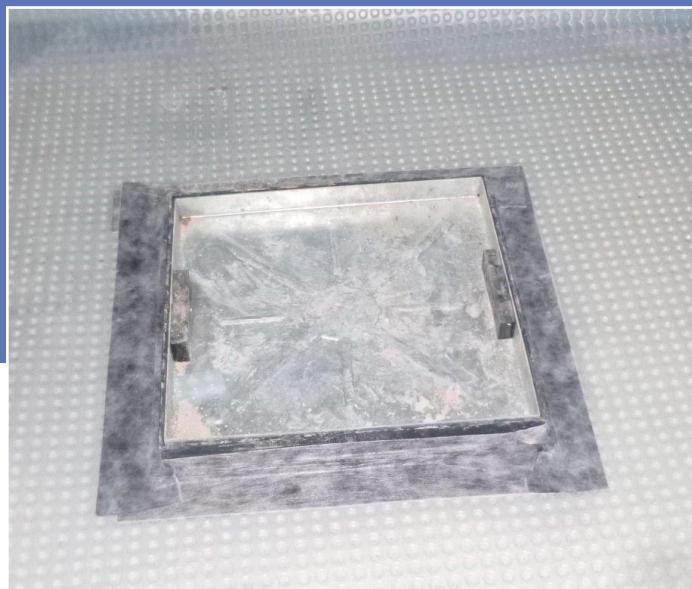
The bespoke and adjustable sump system designed specifically at the heart of the System 500 cavity drain waterproofing, and capable of housing various of Newton's range of single or twin pumps.

NP400 PUMPS

Used with the Titan-Pro White, these high quality clean water pumps are ideally suited for removing groundwater from basements and cellars.

HIGH WATER LEVEL ALARM

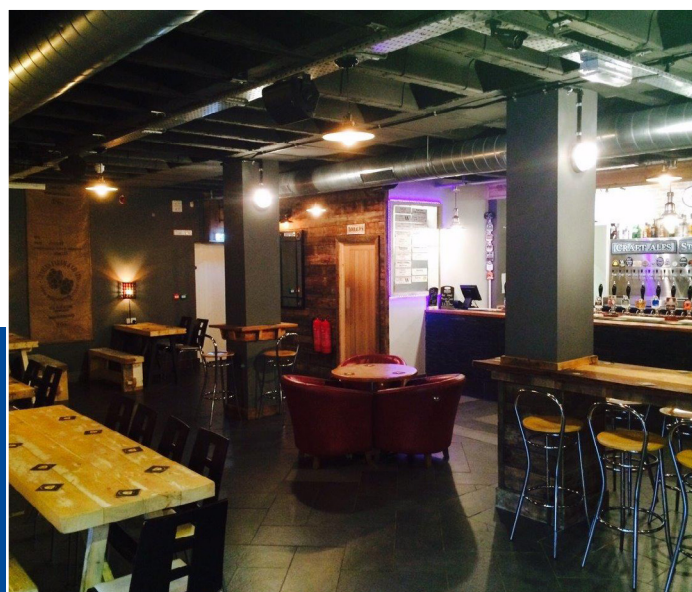
Designed to detect high water levels within sump chambers, the battery-powered device is included with Newton Titan-Pro pumping system.



The membrane linked between floor and walls for complete protection.



A timber frame was fixed to Newton MultiPlugs on the wall.



The Hopbunker won Cardiff Pub of the Year 2016 and 2017.

Newton Specialist Basement Contractors

Newton recommends that our systems are installed by one of our nationwide network of Newton Specialist Basement Contractors (NSBCs). Trained by Newton, NSBCs offer a full guarantee on the design and installation, and can act as Waterproofing Design Specialists.



www.newtonwaterproofing.co.uk



tech@newtonwaterproofing.co.uk



+44 (0)1732 360 095