



Pineapple Dance Studios, London

Waterproofing an Extensive Grade 2 Listed Basement

The Project

The extensive basement areas of [Pineapple Dance Studios](#) in Langley Street were suffering from extensive damp problems which subsequently rendered the below ground areas unusable.

Newton Specialist Basement Contractor [Liquatek](#) were commissioned to design, install and guarantee the damp proofing of the vaults and bring the area back to a usable space for the tenants.

The Solution

The convoluted vaulted aspects of the vaults under property lent itself to use a "combined" approach to dealing with the damp aspects of the structure. This included using [Newton 508 Mesh](#) with [Newton NuSeal fixings](#) as well as in some areas a Type A applied cementitious membrane.

The majority of the damp treatment works in the area involved fixing the Newton 508 meshed membrane at 250 centres vertically and horizontally mechanically to the structure to provide a robust background to apply a direct finish to the membrane.

Once the membrane was applied [Tarmac Whitewall](#) was applied to the Newton 508 in 2 x 12mm coats allowing for 3-4 days between coats, giving a low profile and "dry" environment.

The Result

The Dance Studios have now opened up an extensive new area predominately for storage and maintenance equipment which was previously damp and unusable. The installation is backed by Liquatek's insurance backed guarantee, so the client has complete peace of mind.



Convoluted damp walls prior to treatment.



Application of Newton 508 mesh to vaulted areas.



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The Products

CDM SYSTEM

The most reliable waterproofing solution for any space below ground, the Newton CDM System combines decades of experience with the highest quality, BBA certified membranes from Newton System 500, bespoke sump and pump configurations, back-up systems, telemetry and ancillaries.

508

BBA certified, high quality cavity drain membranes as part of the CDM System, manufactured from 100% recycled HDPE.

MULTIPLUGS & ANCILLARIES

A selection of specialist ancillary products that are critically important for the correct installation of the Newton CDM System, including plugs, tapes and seals.

BASEDRAIN

A range of products that receive and drain water from the cavity drain membranes and direct it to the point of discharge.



The surface ready for decoration, after two coats of Tarmac Whitewall.



The Pineapple Dance Studios.



Dance classes after the completion of the project.

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.



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