

Triton supplied:

Platon Plaster Base, Platon P20, Platon P5



Plaster Base membrane can be plastered directly and is useful for areas where space is limited.

DWC MANAGE DOMESTIC BASEMENT REFURB

Triton approved contractors, DWC Contractors & Surveyors, have used Triton products to waterproof a basement prior to its conversion to living accommodation. This was an extensive domestic project involving structural works, underpinning and excavations.

The Victorian end of terrace property sits within a conservation area meaning DWC were involved in liaising with the local Conversation Department. As main contractors the company also organised the services of a structural engineer and underpinning specialists for what was an extensive domestic project. They also undertook the party wall survey and served the neighbour with the relevant party wall notice.

Prior to works commencing there was already a small basement area used for storage. The DWC team therefore dug out a further 60m³ by hand which was hoisted out through the existing light well. The new space created a bedroom, reception room and a bathroom.



Basement before conversion

DWC's preferred method of waterproofing is to use a cavity drained membrane system as supplied by Triton. Cavity drained membranes work by allowing water to continue to penetrate the structure but control it in the air gap and divert it to a suitable drainage point via the Triton drainage system (pump/s, sump/s and drainage channel). The membranes can be loose laid on floors and are fixed to walls using special plugs and sealing materials. Once the membrane has been fitted, wall surfaces can be dry-lined or plastered directly and floors can be screeded or a floating timber floor installed. Defined as Type C waterproofing systems in BS 8102: 2009, cavity drain membranes are forgiving when movement or vibration can affect a structure's resistance to water. They can be supplemented by a wide range of drainage/sump and pump components depending upon the factors affecting the individual project such as water table, depth of structure, anticipated water ingress etc.

DWC used Triton's Platon P5 membrane on the walls of the new basement and heavier duty, Platon P20, on the floors. On the stair access wall where space was restricted, Platon Plaster Base membrane was installed which can be plastered on to directly, saving the space required for a dry lining system.

DWC also installed a Saniflow system to the shower room plus all the sump, pump and other drainage components required to complete the cavity drained system.

DWC are based in Southend on Sea and work throughout London and the South East. They specialise in all types of property preservation works including structural waterproofing and timber treatments. A recent acquisition, Axis Stabilisation, has enabled them to offer specialist structural reinforcement services, and they have recently completed major works to successfully stabilise the harbour wall at Ilfracombe and other works at historic properties for Welsh Heritage.

DWC Contractors & Surveyors

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Part of the completed conversion.

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