



ASPHALT POSES NO PROBLEM FOR TRITON WATERPROOFING SYSTEM

London based remedial specialists, Ward Damp-Proofing, has used a Triton system to waterproof new and existing floor slabs in the major refurbishment of London's historic Bethnal Green Town Hall.

The Edwardian building was originally the headquarters of London's Metropolitan Borough of Bethnal Green and later the town hall for the London Borough of Tower Hamlets. Following a period of neglect, the two storey Portland Stone building is now set for re-use as a mixed-use development.



Case Study

Ward chose Triton's TT Vapour Membrane to waterproof both the new and existing concrete floor slabs throughout the basement. An important factor in the system's selection was its ability to be applied over surfaces where there are traces of asphalt – which can lead to compatibility issues. Subsequently, time and expense were saved by not having to remove every trace of asphalt from such a large area – a common requirement with many other liquid applied waterproofing systems.

Triton TT Vapour Membrane is a highly versatile, liquid applied system which can be retro-applied as both a waterproof and/or a gas membrane, or used as an alternative to sheet membranes in new construction. It is designed for application to horizontal or vertical concrete, masonry and other suitable substrates using an airless spray, roller or brush.

Two coats were applied at a rate of 1L/M² to a total of 640 M² of new floor slab laid in the original basement of the building and a further 1388 M² of existing slab in the 1930's addition. The Ward team also used the TT Vapour Membrane to provide effective waterproofing in six new wet rooms created within the basement. Consideration is also being given to the use of TT Vapour Membrane on the upper floor levels as a protective measure for the concrete floors in the event of activation of the sprinkler system.

The single component system is rapid drying and can be screeded over while still 'green'. This meant that, when required, two coats of TT Vapour Membrane, as well as a screed, could be applied in the same day, enabling the main contractor, M P Bros Ltd., to keep within the tight project deadlines.



Triton Vapour Membrane is rapid drying, two coats can be applied in a day



Triton TT Vapour Membrane can be applied using a brush or roller



Alternatively an airless spray can be used

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