

Latest News
February 10th 2012

Waterproofing a Garage Conversion with Newton System 500

The client of a magnificent house in Chelmsford, Essex, had a garage area where previous waterproofing attempts had failed, and the space had significant issues with water ingress. Newton Specialist Basement Contractor AP Gooch was commissioned to the project to design and install a waterproofing system that would not only deal with the water ingress problems but change the use of the space from a garage to a games room for their growing family.

Methodology

After stripping out the existing finishes back to the original building fabric, AP Gooch installed the Newton System 500 cavity drain membrane system. Newton 508 membrane was mechanically fixed to the three earth retaining elements of the basement with Newton MultiPlugs. Then Newton Basedrain was rebated into the existing slab in a "horseshoe" formation so that any ingress of water through the walls or the wall/floor junction was guided into the Basedrain zone. This design works extremely well on this property as being a garage it had an open elevation to the front of the property so that any water entering the Basedrain could then via gravity be discharged out to the open elevation. Any defects in the floors were protected with Newton 101F applied Type A waterproofing, and then treated with Newton Lime Inhibitor.



Newton 520 20mm deep cavity drain membrane was then fitted to the floor and sealed to the up stand of the Basedrain. A layer on insulation was then placed on the floor membrane followed by a 65mm screed. Once the screed was cured, an independent dry lining system was installed with insulation and services placed within the framework ready for boarding and decorating.

Result

The basement waterproofing and all internal finishes were completed by AP Gooch Ltd in a timely and cost effective manner giving a whole new living space for the client.

Benefits

- The BBA accredited Newton Membrane System was applied with minimal surface preparation without expensive preparation works which would have been required with an applied wet tanking system.
- The layout of the property meant that mechanical means of water extraction was required due to the Basedrain being able to capture the water at the weakest point and guide it out via gravity.

- The client could delegate the whole project to AP Gooch Ltd with peace of mind of an insured backed guarantee for the works

Read More: http://newton-membranes.co.uk/case-studies-list/basement_waterproofing/waterproofing-a-garage-conversion/

Ends

John Newton & Company Ltd
12 Verney Road
London SE16 3DH
Tel: 020 3384 7935 / 020 7237 1217; Mobile: 07957 834 989
Fax: 020 7252 2769
E-mail: lucinda@newton-membranes.co.uk
Web: www.newton-membranes.co.uk