

**Details of flood proofing / resilience and resistance techniques to be included in accordance with
'improving the flood performance of new building' CLG (2007) for Erection of double garage with home office at rear of garden 447 Fair Oak Road , Fair Oak , Eastleigh , SO50 7AJ**

This proposal is for the erection of double garage with home office at the rear of the garden and as such the following measures will be taken as recommended:-

High quality workmanship and materials will be used throughout the build.
The concrete blocks used in the foundations will be sealed with an impermeable material to prevent water movement from the ground to the wall construction.

A ground supported concrete slab will be used where appropriate, with a thickness of not less than 150mm.

The hardcore binding will be well compacted.

A DPM will be included within the design which will consist of an impermeable polythene membrane of at least 1600 gauge.

The DPM will be overlapped by 300mm and taped.

All the insulation within the build will be of closed cell type.

The floor finish will be ceramic or stone tiles as recommended.

There will be no under floor services using ferrous materials

Mortar joints will be thoroughly filled to reduce the risk of water penetration.

The proposed doors will have a good fit and seal to frame.

The windows will be adequately sealed to the fabric of the building.

Any new electrical outlets will be installed at an appropriately high level to avoid any flood risk