



New Build Basement Farnham



This was a newly built property (2003) with a 'semi-basement', only the front half being below ground by virtue of it being on a sloping site.

This led the architect to make a very common mistake assuming that ground drainage would not be necessary and that an external stick on sheet membrane would suffice for the waterproofing.

After heavy rain, the basement flooded, just before the house was finished and all internal linings, stud walls and joinery had to be stripped out (top left).

We solved the problem by installing:

- an internal sub-floor drainage channel (Waterguard),
- three perforated sump liners each with mains pump and battery back-up and
- drained cavity membranes to the walls and floor.

The picture top right shows the very first installation of our innovative ThermaDry wall drainage membrane being overlaid with plasterboard.

A dimpled plastic membrane was used on the floor which was overlaid with marine plywood.

Bottom picture shows the final finished basement.



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