



Waterproofing Commercial Basement.



This basement used to house a casino on the sea front in Hampshire.

One day, in 1998, following an unusually high tide the thin concrete floor which had been 'waterproofed' with asphalt ruptured due to water pressure, allowing a mixture of sea water and ground water to flood the premises.

The picture top left shows the scene after the stripping out process.

The waterproofing solution was to: -

- Install five de-watering sumps each with a powerful (6,000gal /hr) pumps cast in marine grade bronze in order to prevent corrosion each with a stainless steel battery back-up pump.
- Install a sub-floor perimeter drainage channel (seen in grey at the edge of the floor – just prior to concreting in.
- Line the walls and floor with a plastic dimpled cavity drainage membrane.

The main picture to the left shows the casino after it re-opened six weeks later after round the clock work 7 days a week.

Phone us FREE on 0800 413 801 (Call charges normally apply to mobiles)

E-mail us at advancedbasementsolutionsltd@gmail.com