

## Success Stories – Oct 2009

### *Birmingham Heartlands Hospital*

<b>Client:</b>	<b>NHS</b>
<b>Contractor:</b>	<b>Newlay Floors Ltd.</b>
<b>Site:</b>	<b>Birmingham</b>
<b>Project:</b>	<b>Children's OPD Department and the entrance area to the hospital's twin theatres</b>
<b>Materials Used:</b>	<b>Ultra Floor DPM IT two coat Ultra Floor DPM IT A Ultra Floor Prime IT N Ultra Floor Level IT SmoothFlow</b>



#### **Problem:**

One of the country's largest hospitals, Birmingham Heartlands, needs to be operating smoothly to provide the best in patient care. The refurbishment of their Children's OPD Department and the entrance area to their twin theatres needed to be completed on time without any complications so that day-to-day practice could re-commence.

#### **Action:**

CFA members, Newlay Floors carried out the resurfacing. Existing floor coverings and the old adhesives and smoothing compounds were mechanically removed, followed by new sub-floor preparation using **Ultra Floor DPM IT two coat, Prime IT N** and **Level IT SmoothFlow**.

DPM IT two coat is a solvent free, two-part epoxy resin system. The product cures to provide a waterproof surface membrane that allows fast installation of cement-based surfaces, thus reducing waiting time and costs. During both of these flooring projects, **Ultra Floor's DPM IT A** was also used providing much needed versatility as this **fast curing additive reduces curing times to only 3 hours**, allowing the substrate to become waterproof within a **single day!**

Newlay Floors then prepared the waterproofed substrates with Ultra Floor Prime IT N, a polymer emulsion primer for non-porous surfaces so they were ready to receive Level IT SmoothFlow.

Ultra Floor's newest self-levelling compound, Level IT SmoothFlow, is designed specifically for levelling surfaces prior to the application of a floor covering. A product which has superior flow properties providing a fast and easy application, results in a thin, exceptionally strong and perfectly level underlayment that is ready to receive decorative floor coverings after only 24 hours.

Level IT SmoothFlow has a set time of 2 hours and can be laid at depths from 3 to 10mm - covering an optimum 5.5m<sup>2</sup> at 3mm thickness.

Two different floor coverings were laid, Forbo linoleum and Tarkett vinyl in the Children's OPD Department and the entrance area respectively.

The projects completed on time within a matter of days resulting in minimal disruption to daily hospital life.