

Prince Charles Hospital gets a new lease of life thanks to UltraFloor



UltraFloor and Puma Floors have partnered to complete an extensive flooring project at Merthyr Tydfil's Prince Charles Hospital.

CONTRACTOR: PUMA FLOORS

SITE: PRINCE CHARLES HOSPITAL

MATERIALS USED: DPM IT, PRIME IT MSP, LEVEL IT TWO

The Prince Charles Hospital in Merthyr Tydfil has undergone extensive internal and external refurbishment works to improve visitor access and patient facilities, services and care.

With thousands of patients regularly accessing the primary, emergency, and outpatient services, it was critical for continuity of care, that the hospital remained accessible during the renovations – a challenge for every trade working at this busy site.

Healthcare environments are in constant use and so choosing subfloor preparation materials that would provide a super smooth and hard-wearing finish was equally as important. With hospital staff moving beds, wheelchairs and equipment along the corridors, it was crucial that the floors were completely level and devoid of any lumps, bumps and trip hazards.

Experienced flooring contractors, Puma Flooring, knew that UltraFloor was the perfect choice for the job ahead.

Before work began, UltraFloor's Technical Team conducted a full site inspection and gave recommendations as to which UltraFloor products would be most suitable for this 4,400sqm job.

To prepare the sand and cement substrate for



the application of Marmolium and sheet vinyl floorcoverings, the Puma Flooring team utilised UltraFloor's DPM IT damp proof membrane, Prime IT Multi-surface Primer and Level IT Two multi-purpose floor leveller.

DPM IT is a two component, solvent free epoxy resin system for use as a surface damp proof membrane. Designed to provide protection against subfloor moisture, DPM IT has a pot life of 45 – 75 minutes, a cure time of 5 hours and boasts a 98% RH floor moisture tolerance.

Formulated to promote the adhesion to all UltraFloor smoothing underlayments, Prime IT Multi-surface Primer reduces pinholing, minimising the risk of costly failures.

With a coverage rate of 200sqm at 3:1 dilution, Prime IT Multi-surface Primer is a must-have product for all flooring installation projects.

After Prime IT Multi-surface Primer had cured, Level IT Two was trowel applied to a depth of 3mm. There are many reasons why Level IT Two has become UltraFloor's most popular floor leveller. Its exceptional flow characteristics make it a very easy material to apply to a variety of subfloors in both commercial and domestic flooring projects.

Level IT Two is protein free, reducing the risk and spread of disease as the types of dangerous and contagious bacteria that thrive in protein are eliminated, and is low odour, providing a pleasant environment for both staff, contractors and recovering patients.

With a set time of 2.5 hours, Level IT Two can receive bonded floor coverings after just 8 hours, making it an ideal choice for projects with a tight deadline. What's more, because Level IT Two is available as a two-component system, it takes the guesswork out of mixing, reducing site errors and guaranteeing a perfect application every time.

The 4,400sqm project was completed over three phases and was delivered on time, to the highest of standards. On using UltraFloor, Hywel Williams, Contract Manager at Puma Floors, commented:

“The UltraFloor products performed very well. Everyone was happy with how the final finish looks.”