

PROJECT BRIEF



flooring design for a better environment™

PROJECT MANAGEMENT & CONSTRUCTION: Lend Lease
ARCHITECT: Rice Daubney
FLOORING SUPPLIER: Polyflor Australia
FLOORING CONTRACTOR: PKF NSW

Case Study: Liverpool Hospital Redevelopment

Liverpool Hospital is the tertiary referral hospital for south western Sydney.

The first stage of its \$390 million redevelopment – a new clinical services building – was opened in November 2010. The building includes facilities for the Emergency Department, Radiology, Outpatients, Nuclear Medicine, Renal Unit, Cardiology, Operating Theatres, Day Surgery and Intensive Care.

It has 45,000m² of floor area. Rice Daubney Architects and the builders, Lend Lease, specified Polyflor vinyl flooring for the corridors, clinical areas and the gym.

"Polyflor products were specified because of the quality of the vinyl, and the performance parameters the vinyl products met, as well as their myriad of designs and colours," Lend Lease Site Engineer, Liverpool Hospital Redevelopment, Sharen Hanna says.

Performance requirements included infection control properties for the operating suites, slip resistance for all hand wash bays and dirty utilities areas, and specialised sport flooring for the gym.

The Polyflor products used at Liverpool hospital are high quality, genuine low maintenance vinyl flooring engineered to meet the needs of major hospitals, according to Kevin Doidge, Field and Technical Services manager for Polyflor Australia.

Hanna says it wasn't just the product quality that impressed her. "Polyflor has experience in the industry, and the team gave us continual

support throughout the duration of the project, not simply delivering the vinyl and walking away."

Environmentally friendly, sustainable and hygienic

Classic Mystique PUR in two custom colourways was used in the waiting areas, patient rooms, Intensive Care and the operating suites. Whilst Polysafe Corona PUR in Blackbird (charcoal grey), provided safe wet areas for handwashing and dirty laundry areas.

Classic Mystique PUR is a low maintenance resilient vinyl floor covering reinforced with PUR, which significantly reduces its lifecycle cost over the life of the floor.



Polysafe Corona PUR is a particle enhanced sustainable slip resistant product which has a sustainable R10 slip resistance rating warranted for a minimum 10 years.

PUR significantly reduces the lifecycle cost of these products which require little more than regular wet mopping, preferably with a microfibre mop. They provide substantial savings in maintenance costs from reduced use of chemicals and up to 70% less water use.

In the wet areas, 2mm thick Polyflor wall vinyl in Polar White was thermally welded to the Corona floors, creating a watertight area. Welding eliminates seams and joints, providing an almost maintenance-free surface that resists mould, bacteria and soiling.

Polyflor is the first commercial flooring organisation in Australia and New Zealand to achieve Ecospecifier's 'Green Tag' LCARate certification, and the only vinyl flooring to achieve maximum rating points in the Materials-Flooring Calculator of the GBCA and NZGBC Green Star rating tools – VOC Compliant - 100% recyclable.



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