



constructive solutions

CASE STUDY

Royal Victorian Eye & Ear Hospital Melbourne, Victoria



CUSTOMER The Royal Victorian Eye & Ear Hospital
CONTRACTOR Floor 91 & Alliance Flooring
SECTOR Healthcare
DATE 2016 - 2022

PRODUCTS

- Nitoflor SLX



Before



During preparation

Nitoflor SLX was specified for all plant rooms to provide industrial toughness on the floors while meeting the hospital's hygiene requirements.

THE PROJECT

In every hospital, plant rooms house critical infrastructure required to supply essential services, including electricity, water, ventilation and temperature control. Due to their industrial nature, these spaces need extra tough floors beyond what is required in other parts of a hospital. But they also must be easy to clean – to very high standards

The Royal Victorian Eye & Ear Hospital redevelopment (due to be completed in 2022) involved the partial demolition of an existing building and the construction of five fully integrated and future-proofed floors, connecting the site's two main towers. Providing an extra challenge, the hospital continued to operate during the staged construction managed by Hansen Yuncken.

THE SOLUTION

Project architects Lyons specified Nitoflor SLX for all plant room floors. A self-smoothing epoxy floor topping, it produces an impenetrable finish which is hygienic and easy to clean. It is commonly used in hospitals and medical laboratories, as well as food processing plants, film studios, prisons and supermarkets.

Nitoflor SLX offers fast application and can be walked on within 24 hours, minimising disruption in an operating hospital.

As the system is solvent free with low VOC content, the hospital did not have to worry about nasty odours circulating through the hospital's ventilation system.

Fosroc ANZ recommends specialist contractors apply Nitoflor SLX, which is supplied as a pre-measured, multicomponent system ready for on-site mixing. In this case, project flooring contractor Floor 91 appointed Alliance Flooring for the plant rooms. Fosroc ANZ received excellent feedback about the application process and finish.

THE BENEFITS

Nitoflor SLX achieved numerous benefits for this project.

- A dense and seamless floor surface achieved hospital hygiene standards.
- Fast application and curing – ideal for a working hospital.
- High durability – chemical and abrasion resistance.
- High flow, self-smoothing characteristics produced an attractive finish.
- Specially formulated to provide resistance against 'epoxy bloom' in cold conditions, improving resistance to water staining.

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