

Sunshine Hospital Roof & Rooftop Plant Deck

Project Details

Paul Evans discusses a waterproofing project at the Sunshine Hospital in Melbourne, focusing on the roof remediation of the plant deck section. The project involved the removal of an old butyl rubber roof that was leaking severely, followed by a detailed process of cleaning, coating, and sealing to ensure a watertight finish.

Location:

Furlong Rd, St Albans VIC 3021

Initial State:

The old butyl rubber roof, applied 25-30 years ago, was peeling back and leaking severely, with concrete leaching from below.

Solution:

The old rubber roof was stripped off, cleaned by power washing, and hand-removed glues.

Detailing Process: Hand detailing every penetration, masking everything off at the base, and applying a base coat of liquid rubber.

Coating:

A three-coat system was applied in slow layers to build up a thick coating, including detailing all hubs and saturating the concrete to prevent water ingress.

Infrastructure Challenges: Working around low infrastructure, which was problematic for other types of coatings, but the ability to flood coat underneath low equipment provided a watertight seal.

Stair Access Towers:

Three towers required individual attention after scaffolding was erected, with the state of the roof repairs being dismal.

Final Touches:

Applying several coats of liquid rubber and fine-tuning the drainage section to make it fully watertight.

Outcome:

The job was completed successfully, resulting in a fully watertight roof, with both clients and the team expressing satisfaction.

Watch [Youtube video](#) about this project.

