

Case Study

Roof Repair & Waterproofing: Deakin University

PROJECT: 221 BURWOOD HWY

ROOF AREA: 180m²

PROJECT VALUE: \$65,465.75

Reliable Plumbing Services collaborated with Deakin University's project team to deliver the scope, design and installation of a turnkey solution for a longstanding waterproofing issue at the BC Building, Burwood Campus. The building's canopy was leaking due to a compromised installation of the existing Alucobond sheets and silicon materials.

"The project was complex due to the height of the external roof which covered a protruding stair well over three levels." - Senior Project Officer, Deakin University

Reliable Plumbing Services were tasked with creating a watertight and aesthetically pleasing finish in a live university environment.

The solution incorporated key energy targets, budgeting and OH&S requirements, and access limitations in this prominent, high-traffic area on campus.

After a thorough analysis, and consultation with the university, our solution was to install high-performance Colorbond cladding over the top of the existing Alucobond. This would not require the use of silicon and would prevent further water egress and subsequent water damage to the building. The project also involved complex scaffolding and working with ropes to safely access and install the new cladding on the steep pitch of the canopy.

"Works were completed in a timely manner, of a high quality and presented good value for money." - Senior Project Officer, Deakin University

KEY PROJECT DETAILS:

- Complete turnkey solution, from initial assessment to project delivery.
- Duration: 4-5 weeks.
- Building purpose: Corporate Centre.
- 180m² of Alucobond roof & associated flashing removed & replaced across 3 different sections of canopy.
- Materials used: Colorbond flashings and sheets, Esteam panel.
- Effective site safety procedures implemented in a 3 story building.
- There have been no issues or complications since project completion.

