



WHITIREA LIBRARY

RL System: RL Recover Ultratherm Xtreme
Project Size: 1120m²
Location: Porirua
Project Date: 2023

Contractor: Hawkins
Installer: SWP Commercial

PROJECT DESCRIPTION

The Whitirea Library's existing roof, comprised of a torch-on membrane over plywood with minimal insulation, had reached the end of its functional lifespan. Aside from the deteriorating membrane, the library faced issues with leaking skylights and condensation drips. These challenges required a holistic solution that would not only address the existing problems but also future-proof the building. Therefore, the client sought to address both the failing membrane and thermal insulation deficiencies.

The solution involved adding 60mm PIR (R2.6) insulation and FiberTite membrane through an Ultratherm Xtreme Recover system. This upgrade actively addressed weathertightness concerns and elevated thermal efficiency for year-round temperature control.

Now, the library boasts a rejuvenated roof system contributing to energy efficiency, weathertightness, and occupant comfort. RoofLogic's Ultratherm Xtreme Recover solution not only tackled immediate issues but also positioned the building for sustained long-term performance.

SPECIFIED ROOFLOGIC SYSTEM

RoofLogic's Recover Ultratherm Xtreme system:-

- FiberTite KEE Fleeceback thermoplastic membrane.
- FiberTite KEE single ply thermoplastic membrane.
- Fibertite KEE Detail Membrane.
- Fixings, washers and adhesives used for the installation of the roofing membrane.

