

## Project: Bailey Road School

Building Type: Education Facility

Bailey Road is an Enviro School that holds creating a sustainable and healthy learning environment high in its values. By promoting connections with the environment, students are enabled to consider their world and the part they play in it. As grateful winners of a HomeTech Solatube competition at the NZ School Trustees Association conference, with their ethos, the opportunity of installing a Solatube Daylighting System could not be more fitting.

### Objective:

The objective was to install a Solatube Daylighting System in the corridor in the old administration building as this was the area of the school that would benefit most from the application of daylight. Being an internal hallway it required artificial lighting at all hours of the day, even during bright sunshine. Introducing daylight so artificial lighting was not required in the daytime hours, would reduce the energy demand in this area and allow students and staff to take advantage of the positive well being and productivity benefits of daylight.

### Solution:

The Solatube 160DS Daylighting System was selected for this project as it would provide ample light to the internal hallway. The roofing iron was lifted prior to installation to check where any structural joists and electrical cables were laid. To adhere to the Ministry of Education specification, as the roof had a low pitch it was also necessary to over-flash the roof. HomeTech Solatube installed the Daylighting System in 3.5 hours, resulting in a corridor that is brightly lit naturally, during daylight hours.

### Product used:

- Solatube 160DS Daylighting System

### Testimonial:

We have had our HomeTech Solatube Daylighting System installed for a week now and our staff and Board of Trustees are delighted with the final result.

First of all, the Solatube Daylighting System is working magnificently and bringing light into a once dark area in our Admin passage way. Secondly, your team was just a delight to work with, professional and a superb standard of workmanship.

Our greatest thanks.

Jim Stafford-Bush  
Principal  
Bailey Road School  
Auckland



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