



# SIKA AT WORK

TAKAPUNA GRAMMAR SCHOOL,  
LAKE ROAD, BELMONT

CONCRETE - REFURBISHMENT

BUILDING TRUST



# TAKAPUNA GRAMMAR SCHOOL, LAKE ROAD, BELMONT



## PROJECT DESCRIPTION

Takapuna Grammar School is a co-ed state school on Auckland's North Shore. Built in grand style in 1927, the main two story block and tower block needed extensive concrete repairs and refurbishment work.

Classrooms in the main block had not been used for nearly two years because of leaks and the need for structural strengthening. Once restored, the main block will have an upgraded administration area, school hall and 20 revamped classrooms.

## PROJECT REQUIREMENT

Many areas of the building needed restoration including beams, girders, columns and slabs.

The project required special products that were not only best suited for the critical tasks necessary but would also stop water leakage around the structures.

## CHALLENGES

- Because of the scale and complexity of the project, considerable on-site monitoring and assistance by Sika was essential
- Many contractors were working on-site at the same time so delivery logistics were sometimes a challenge
- Skilled applicators were essential to apply the Sika products safely and correctly

## SIKA SOLUTION

Sika offered a total system specification for the progressive remediation programme to ensure a successful completion with all international standards and building codes met.

## PRODUCTS USED

- Sika MonoTop-352 N
- Sika Top Seal-107 DRYSEAL
- Sika Grout-212
- Sikadur Injectokit LV
- Sikadur-31 CF Normal
- Sika MonoTop-438 R
- Sika MonoTop-910 N

## PROJECT PARTICIPANTS

Specialist Contractor: Chelsea Contracting Ltd  
Main Contractor: Woodview Construction  
Sika Contact: Dominic Sulisfianto