



Photo credit: www.whiteassociates.co.nz

SIKA AT WORK

75 QUEEN STREET, AUCKLAND, NEW ZEALAND

REFURBISHMENT



Scan QR code
for more info or
visit nzl.sika.com



BUILDING TRUST

75 QUEEN STREET, AUCKLAND, NEW ZEALAND

PROJECT DESCRIPTION

75 Queen Street in Auckland, NZ, was originally the Smeeton's Building. Designed by William Alfred Holman, it is a fine example of the Edwardian Baroque architectural style. The building's heritage value is recognized by Heritage New Zealand Pouhere Taonga, and it is listed as a Category B historic heritage place in the Auckland Unitary Plan. Concrete repair and refurbishment works were required to reinstatement and restore the structural integrity and durability of the building.

PROJECT REQUIREMENT

The project required a comprehensive repair solution to address concrete deterioration and reinforcing steel corrosion. This included the use of corrosion protection systems and high-performance repair mortars to reinstate damaged areas and extend the service life of the structure.

CHALLENGES

Safe access to repair areas presented a key challenge, with some works carried out from pitched roof sections, requiring additional safety controls. The age of the building also meant the extent of concrete damage and reinforcing steel corrosion varied significantly across the structure, requiring adaptable repair methods.

SIKA SOLUTION

Spalled concrete areas were repaired using the EN 1504 compliant Sika MonoTop® system. Exposed reinforcing steel was treated with Sika MonoTop-910 N to provide both corrosion protection and a bonding coat for the Sika MonoTop repair mortar.

Sika FerroGard Patch anodes were installed to help mitigate further corrosion and extend the service life of the reinforcing steel. Damaged concrete was then removed and reinstated using Sika MonoTop-438 R, restoring the structural integrity and durability of the building while maintaining its original form.

PRODUCTS USED

Sika MonoTop®-438 R
Sika MonoTop®-910 N
Sika® FerroGard®-510 Patch

PROJECT PARTICIPANTS

Product Specifier:	DPA Architects
Main Contractor:	Aps Complete Property Services
Specialist Contractor:	Absolute Building and Maintenance Ltd



Picture 1: Deteriorated concrete was broken out to expose reinforcement, with Sika FerroGard® Patch anodes incorporated to help prevent future corrosion.



Picture 2: The repair was completed using Sika MonoTop®-438 R, with the formwork removed to reveal the reinstated concrete surface and restored structural profile.