



SIKA AT WORK

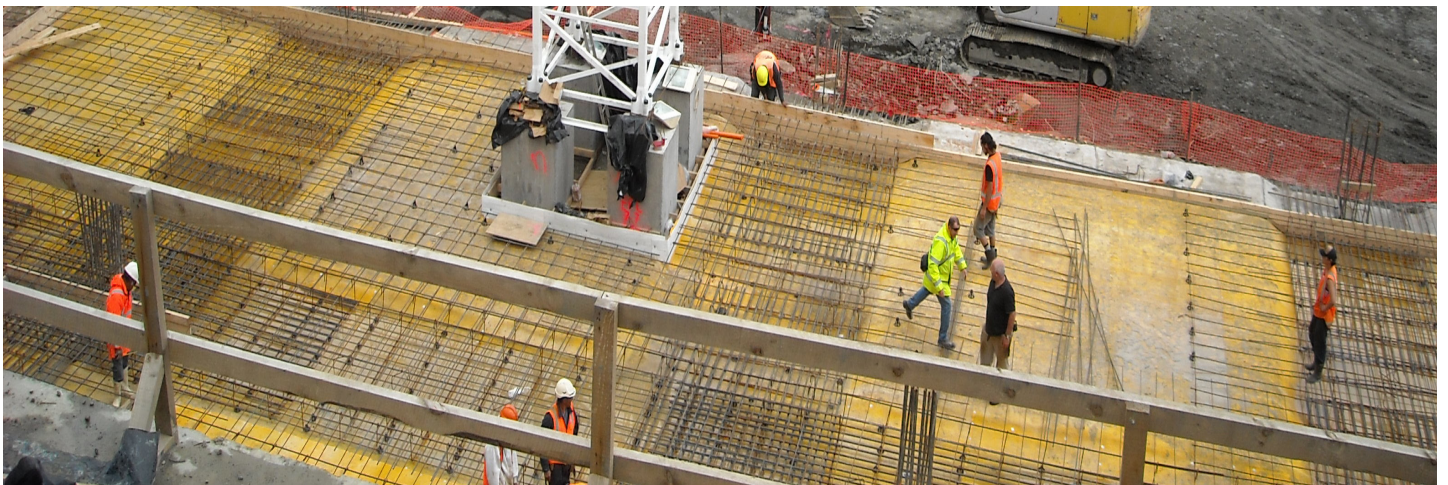
TELECOM BUILDING, AUCKLAND, NZ.

WATERPROOFING: SikaProof® Bentonite

BUILDING TRUST



TELECOM BUILDING, AUCKLAND, NZ.



PROJECT DESCRIPTION

The Telecom site is the single biggest city office building platform in New Zealand. The four new Office Buildings make up more than 30,000m² of floor space in total. Built on 7800m² of land, just short of 1HA, bound by Victoria Street West, Dock Street and Harding Street these buildings will house more 2500 Telecom staff.

PROJECT REQUIREMENT

This new office complex in the Victoria Park area of Auckland (formerly the site of the New Zealand Post Building) required a waterproofing system for basement areas. The basement was constructed utilizing a contiguous piled diaphragm wall. The basement slab is 200mm thick reinforced concrete. Walls are pre-cast concrete.

SIKA SOLUTION

SikaProof Bentonite, was specified due to its cost-effectiveness and ease of installation. The Developer particularly wanted a high performance waterproofing system that bonded to the poured concrete. This ability has been utilized by attaching

the waterproofing to the wall panels at the pre-cast yard. The walls arrive on site already waterproofed and joint details can be completed on site. The ability to withstand the rigors of follow on trades was also important as well as the potential to withstand Auckland's frequent showers during construction.

SIKA PRODUCTS

- SikaProof Bentonite: 10,000 m²
- SikaProof Bentonite Powder: 100 bags
- SikaProof Bentonite Paste: 200 Pails

PROJECT PARTICIPANTS

Product Specifier: Architectus, Auckland office
Main Contractor: Mansons TCLM
Specialist Contractor: Watertight the Waterproofing People
Sika Organisation: Sika (NZ) Ltd

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