



SIKA AT WORK

LONG BAY TOWN CENTRE, AUCKLAND

BASEMENT TO ROOF WATERPROOFING

BUILDING TRUST



LONG BAY TOWN CENTRE, AUCKLAND



PROJECT DESCRIPTION

Long Bay Town Centre is a mixed residential and retail development. The major retail component includes a supermarket with basement car parking covered with a podium deck. The podium deck connects pedestrian traffic to a mix of residential medium high-rise apartments and smaller retail outlets including restaurants and bars.

PROJECT REQUIREMENT

- Basement tanking
- Podium deck waterproofing
- Balcony waterproofing
- Vehicle traffic deck waterproofing
- Concrete repair solutions
- Joint sealing solutions

CHALLENGES

The main challenge was the podium deck waterproofing. The deck design included expanded polystyrene and light weight concrete to meet structural loading requirements. This in turn had a significant impact on the detailing and execution of the waterproofing of the deck.

SIKA SOLUTION

Considerable technical assistance, site observation and onsite support .

PRODUCTS USED

Sikalastic-152
Sika Car Park deck system
SikaRoof MTC-22
Sikadur Combiflex
Sikaflex AT-façade
Sika BlackSeal Elastic
Sikaproof A
Sikaproof P

PROJECT PARTICIPANTS

Product Specifier:	Architectus
Main Contractor:	Naylor Love
Specialist Contractor:	Topcoat Specialist Coatings & Access Gunac Waterproofing Specialists
Sika Contact:	Mike O'Brien & Gavin Norrington

