



SIKA AT WORK

CENTREPLACE NORTH, BRYCE ST,
HAMILTON, NEW ZEALAND

FLOORING

BUILDING TRUST



CENTREPLACE NORTH, BRYCE ST, HAMILTON, NEW ZEALAND



Before



After

PROJECT DESCRIPTION

Kiwi Property had been having ongoing issues with the integrity and weather tightness of the car park deck finishes at Centreplace North. Previous systems failed to meet the demands of:

- Full weather exposure to the north face
- High traffic flow
- Bridging to cracks and joints

Ongoing repairs and maintenance were proving demanding. A long-term solution was essential to protect both the structure and the retail spaces below.

PROJECT REQUIREMENT

Sika was asked to provide a trafficable, waterproof membrane for a fully exposed exterior car park deck over retail spaces. In addition, joint sealing solutions were required for cracks, control joints and seismic joints.

CHALLENGES

- Centreplace is one of Hamilton's busiest shopping destinations. The proposed system needed to be installed quickly to allow for high demand parking spaces to again be utilised.
- The site location was open to all weathers.
- Rail lines run through a tunnel directly under the building and train movement can be felt throughout the structure.

- Many cracks were reflecting through the existing system and previous joint solutions had failed.
- Access for equipment and product delivery required early morning road closures. (One key advantage of our Car Park Deck System is that it does not add significant weight to the structure and no heavy plant or equipment is required for the installation.)
- The system needed to be highly durable to accommodate the significant traffic flow and high mechanical stresses.

PRODUCTS USED

Sikafloor®-156
Sikafloor®-350 N
Sikafloor®-375
Sikafloor®-359
Sika Aggregates
Sikadur® Combiflex-SG System
Sikaflex® Tank N

PROJECT PARTICIPANTS

Specialist Contractor: NZ Specialised Coatings Ltd
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