



# SIKA AT WORK

## THOMPSON ROAD RESERVOIR, NAPIER

ROOFING

BUILDING TRUST



# THOMPSON ROAD RESERVOIR, NAPIER



## PROJECT DESCRIPTION

This is the main concrete drinking water structure for Napier residents. The original sheet membrane was tearing off and subject to vandalism. This was also letting water debris and airborne microorganisms into the water supply. The responsibility of the Napier City Council is to provide its residents with reliable high quality water for consumption.

## PROJECT REQUIREMENT

- The solution needed to be tough, resilient, durable and resistant to vandalism
- It needed to be aesthetically pleasing to neighbours who have a clear view of the roof
- Sika waterproofing membranes had to be installed while the tank was still full to avoid outgassing and potential failure during the application phase
- Sarnafil ticked all the boxes and offered the Napier City Council the peace of mind that it would provide a long term solution

## CHALLENGES

- Sika waterproofing membranes had to be installed before the peak water demand over the Christmas and summer periods
- Initial tests showed high amounts of outgassing from the concrete substrate which ruled out liquid applied options

## PRODUCTS USED

### Sarnafil:

G410 20L Felt  
G410 20L  
Saranbar  
Sarnacol-808  
Sarnacol-2170

### SikaRoof MTC:

Sikalastic-601 BC  
Sikalastic-621 TC  
Sika Reemat Premium  
Sika Concrete Primer  
Sikaflex AT Façade

## PROJECT SIZE

550 m<sup>2</sup>

## PROJECT PARTICIPANTS

Product Specifier: Napier City Council  
Specialist Contractor: Gunac Hawkes Bay  
Sika Contact: Mike Wilson