



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 m²

PROJECT PARTICIPANTS

Product Specifier: Napier City Council
Specialist Contractor: Gunac Hawkes Bay
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