



SIKA AT WORK

HOUSE RUSSELL, PARNELL, AUCKLAND, NEW ZEALAND

ROOFING

BUILDING TRUST



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SikaRoof® i-Cure's top coat (Sikalastic®-641) been applied over the system base coat (Sikalastic®-631). East side of house.



SikaRoof® i-Cure-22 system applied over SikaScreed®-1 on concrete balcony deck over habitable space below.



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on Sika Liquid Applied Membranes
or visit www.sika.co.nz

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PROJECT DESCRIPTION

Sika and ATL Waterproofing collaborated to fix the leaking balcony deck over a habitable space of the Russell family's home. Using advanced waterproofing technology, a long-lasting and high-quality solution was installed to safeguard the family's home against water damage.

PROJECT REQUIREMENT

The project entailed addressing a leaking balcony deck situated over a habitable space. The existing waterproofing system was stripped back to the concrete deck due to its irreparable condition. SikaScreed®-1 was used to establish proper falls and ensure efficient water drainage. The SikaRoof® i-Cure-22 system, applied over the prepared surface, provided a durable and seamless waterproofing solution. Notably, this liquid-applied system was selected because it could be applied over existing membranes. By combining SikaScreed®-1 for correct falls and the application of SikaRoof® i-Cure-22, the project achieved functional and long-lasting waterproofing, successfully meeting the client's requirements for a watertight balcony deck over a habitable space.

CHALLENGES

- Overcoming challenges posed by unpredictable weather conditions.
- Addressing the need for easy detailing around penetration pipes and hard-to-waterproof areas.

SIKA SOLUTION

The SikaRoof® i-Cure-22 system was chosen as the perfect solution for this project. This liquid-applied membrane system made it simple to address difficult details & penetrations during installation. In addition to the SikaRoof® i-Cure-22 system, other Sika products such as SikaScreed®-1, & Sikaflex®-11 FC were also utilised to ensure a successful outcome.

PRODUCTS USED

SikaScreed®-1: Screeding the balcony deck to falls.
SikaRoof® i-Cure-22 System: Waterproofing over habitable space.
Sikaflex®-11 FC: Sealing of joints and detailing.

PROJECT SIZE

Approx 100m²

PROJECT PARTICIPANTS

Product Specifier:	Sika / ATL Waterproofing
Main Contractor:	ATL Waterproofing
Specialist Contractor:	ATL Waterproofing
Sika Contact:	Sika Upper North Island Team

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Tiling on pedestals being installed over the SikaRoof® i-Cure-22 system. East side of house.



End result - East side of house.



Finished deck with tiling on pedestals over the SikaRoof® i-Cure-22 system.

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