

Targeted solution for extensive concrete cracking

Blacktown car park | Sydney, NSW, Australia

ASSET OWNER

Residential Apartment
Complex

LOCATION

Blacktown, New South
Wales

CONTRACTOR

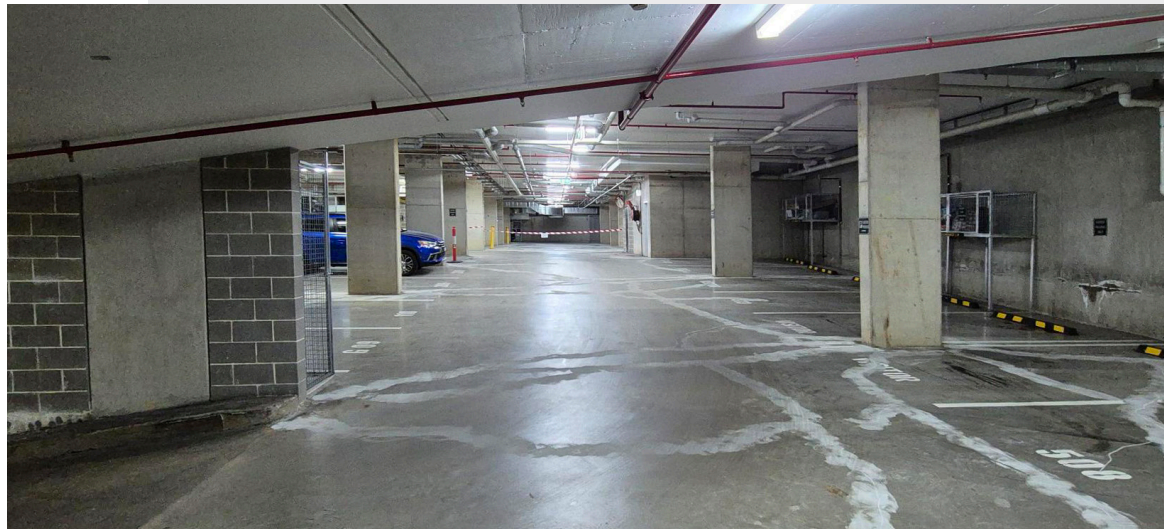
Firmstone Flooring
Specialists Pty Ltd

SECTOR

Residential / Multi-
Residential

PROJECT DATE

September 2025



PRODUCTS

- Nitofill® LV
- Conbextra® EP10



Fosroc ANZ supplied an efficient epoxy repair system for approximately 850 linear metres of cracking across a two-level residential car park, enabling the works to proceed with minimal disruption to residents and ongoing vehicle traffic.

THE PROJECT

Not long after completion, hairline and movement cracks required repair throughout a two-level residential car park in a new Blacktown apartment development. The facility remained in constant use, with residents entering and leaving throughout the day and vehicles occupying many of the affected areas.

Firmstone Flooring Specialists completed the project progressively, barricading individual sections and coordinating vehicle movements to maintain access wherever possible. A team of four completed the repairs over four days.

THE SOLUTION

Fosroc Account Manager Daniel Hartland and Training Manager Craig Simmons attended the site with the Firmstone team to review the cracking and confirm the proposed repair method. The applicator had extensive industry experience but sought confirmation that the selected Fosroc products were suitable for the application.

The repair system comprised:

- **Nitofill® LV** – a low-viscosity epoxy resin used to penetrate and fill fine cracks.
- **Conbextra® EP10** – a high-flow epoxy grout used where wider cracks or larger repair areas required a strong, bonded repair.

Cracks were opened where necessary before being filled or injected. The repairs were slightly overfilled and ground flush after curing, creating a smooth surface suitable for continued vehicle traffic.

Fosroc also provided ongoing site support. Daniel returned regularly to review progress, while State Sales Manager Noel Andrew joined a follow-up inspection to confirm the works were progressing well and sufficient product remained available on site.

THE BENEFITS

- Efficient repair of 850 linear metres of concrete cracking.
- Structural crack repair with excellent bond strength.
- Durable, non-shrink epoxy repair system.
- Fast application with minimal disruption to residents.
- Suitable for trafficked concrete structures.
- Technical support from specification to completion.
- Reliable local product supply.
- Extended service life of the concrete asset.

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