



COURTYARD DECK WATERPROOFING

SHENTON PARK, WA

MAINTENANCE - WATERPROOFING

PROJECT

Shenton Village Courtyard Deck Waterproofing

CLIENT

Department of Housing
Cody Scott 0429 081 723

DURATEC CONTACT

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DESCRIPTION

Shenton Village is a 66 unit retirement complex in the western suburbs of Perth. The existing courtyard flooring system was showing signs of water damage, with leakage into the basement car park below and flooding in some areas.

Duratec was engaged to provide a remedial solution to rectify the issues, including the removal and replacement of the existing floor with a new non-slip paving system, new protective coatings to selected steel surfaces, the refurbishment of the pergola structure and landscaping.

The scope of works included:

- ▶ Building fabric removal.
- ▶ Metal corrosion repairs.
- ▶ Stormwater drainage repairs.
- ▶ Concrete repairs.
- ▶ Crack injection repairs.
- ▶ Joint sealant repairs.
- ▶ Waterproofing membrane repairs.
- ▶ Epoxy level screed.
- ▶ Reinstallation of pavers.
- ▶ Fencing repairs (balustrade).
- ▶ New pergola structure.
- ▶ Courtyard landscaping.

HIGHLIGHTS

- ▶ To allow for proper drainage, the new pavers were laid on pedestals and new falls to drain and drainage outlets were installed.
- ▶ The works were completed while the facility was fully occupied.



IMAGES (FROM TOP TO BOTTOM)

- ▶ The old courtyard.
- ▶ Removal of trees and beginning of paver demolition.
- ▶ Final tooling off of joint sealant.



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IMAGES (FROM TOP TO BOTTOM)

- ▶ Rolled application and sand seed of waterproof membrane.
- ▶ Reinstallation of pavers.
- ▶ Completion of fencing (balustrade).

IMAGES (FROM TOP TO BOTTOM)

- ▶ Craning in pergola frame columns.
- ▶ Southern garden bed planted and mulched.
- ▶ The new courtyard.