



# WESTFIELD MARION EXPANSION JOINT REPLACEMENT

ADELAIDE, SA

MAINTENANCE - JOINT SEALING

## PROJECT

Westfield Marion Expansion Joint Replacement

## CLIENT

Scentre Group/Westfield

## DURATEC CONTACT

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## DESCRIPTION

Duratec was engaged to replace the existing failed expansion joints located within the upper deck of the Westfield Marion shopping centre car park and as a new store was opening directly below the car park, it was imperative that the area was made watertight within the strict project timelines.

Duratec selected the Sikadur Combiflex system for the install based upon the large movement criteria of the expansion joints. Following removal of the defunct steel cover plates, Duratec removed the failed joint system, prepared the substrate through diamond grinding and installed the new Combiflex system.

As part of the works, a fabricator was engaged to design and manufacturer the new cover plates. Due to the successful install below Duratec was able to install a new flat profile plate with in-built rubber seal and shock absorber creating an enhanced driving surface for the centre's customers.

## HIGHLIGHTS

- ▶ Project was successfully completed withing the strict timelines.
- ▶ The shopping centre remained open at all times.
- ▶ The joint and cover system was re-designed to suit the special needs of the project.



IMAGES (FROM TOP TO BOTTOM)

- ▶ Removal of existng joint system.
- ▶ Completed joint replacement.
- ▶ Completed joint with steel cover plate.