

BLACKWOODS DISTRIBUTION WAREHOUSE

CONCRETE REPAIRS AND JOINT SEALANT

LOCATION

38 Baile Road
Canning Vale

CLIENT

Savills

PROJECT MANAGER

Marc Cugini

DESCRIPTION

Blackwoods is Australia's largest supplier of industrial and safety supplies; its warehouse in Canning Vale is its main distribution centre. In mid-2018, BUSS was engaged by Savills, representing the owners, to complete an inspection on the failed expansion joints of the structure.

BUSS' inspection located the expansion joint failures and also revealed a significant amount of damage to the concrete at the expansion joint edges; undoubtedly caused by fork lift traffic. It was essential that all damaged concrete be repaired prior to the sealing of the expansion joint.

Once the inspection was completed and a repair methodology developed BUSS proceeded with the repairs. The repairs involved jack hammer removal of drummy concrete, surface preparation, application of repair mortar, joint replacement to floor, around columns and column bases and peripheral precast walls – building perimeter,

PRODUCTS USED

- Nitomortar 908
- Sikaflex 11FC

POINTS OF INTEREST

- Works completed adhering to mine site compliant procedures;
- Approximately 45 concrete repair areas;
- Works involved 6 months continuous works, including after hours and weekends; and
- All works completed to project program and to budget.

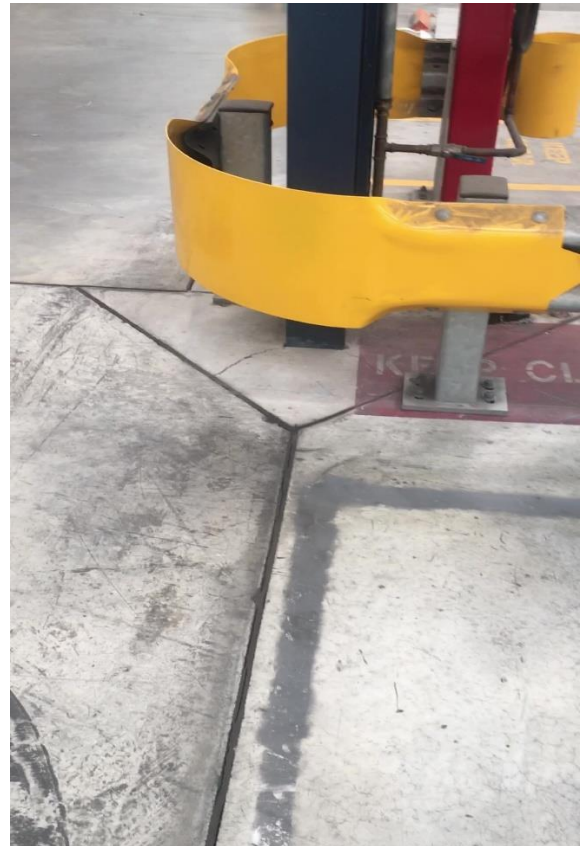


Image 1: Area of damage

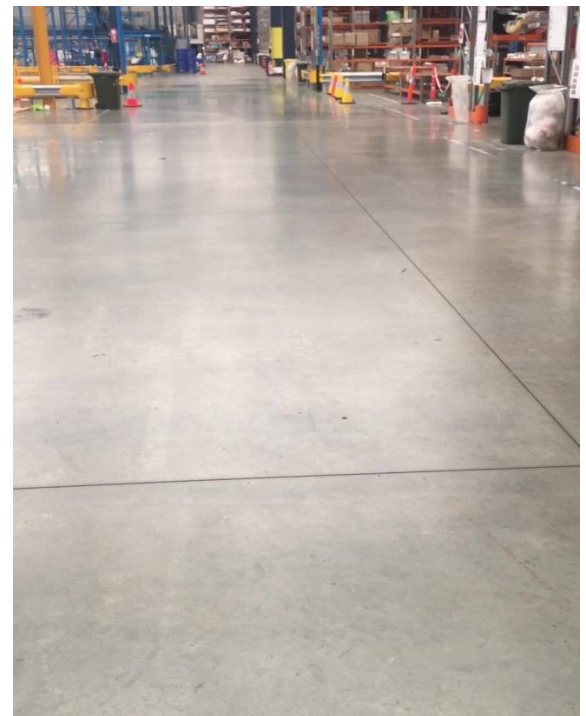


Image 2: Repairs complete