

ACO Drain - KlassikDrain

Case Study



Bunnings Virginia - Brisbane, QLD

Bunnings is a leading Australian household hardware and garden centre chain, owned by the Wesfarmers Group since 1994. With origins dating back to 1886, when brothers Arthur and Robert Bunning founded the company in Perth, Bunnings has expanded to operate 381 stores across Australia and New Zealand, employing over 53,000 staff.

Project Design Brief

The project required the design of drainage infrastructure for specific areas surrounding the garden centre. The drainage system needed to support forklift, trolley jack, and pedestrian traffic, ensuring compliance with slip resistance and stiletto heel safety standards. The open, unroofed area requires an efficient surface drainage system to quickly remove stormwater and washdown water from plants and garden stock, maintaining safe and dry conditions.

ACO's Solution

- **KlassikDrain** K300 System with Iron Intercept **Heelsafe** Anti-Slip Grates

Benefits

- The 0.5% built-in slope in the K300 channel allowed the pavement to be constructed as flat as possible and still provide efficient drainage.
- The Iron Intercept **Heelsafe** Anti-Slip grate provides slip resistance of P3 to AS 4586 and Load Class D to AS 3996, which met the designer's requirements.
- The Iron Intercept Heelsafe® Anti-Slip grates have inlet slot openings of 6mm wide ensuring wheelchair and walking cane compliance to AS 1428.1.

Other ACO products used

- Cable pits - [ACO Cablemate](#)
- Access covers - [ACO Access](#)

