

ACO Drain - KlassikDrain

Case Study



Ashfield Aquatic Centre - Sydney, NSW

The newly constructed Ashfield Aquatic Centre replaces the original Ashfield Olympic Pool, which was built in 1962. The new facility combines a community leisure pool with high-performance sports infrastructure and will be the third-largest aquatic centre in Sydney by water area.

Project Design Brief

A key design requirement was the integration of an effective drainage system for the paved areas between the pools and buildings. Safety, particularly for children, was a primary consideration. The design team opted for trench drains instead of pit and pipe systems. This approach allows for flatter pavement surfaces, significantly enhancing accessibility and safety for all users.

ACO's Solution

- **KlassikDrain** KS100 System with Plastic Intercept **Heelsafe** Anti-Slip Grates

Benefits

- The KS100 sloped system provides a 0.5% built-in fall along the invert of the channel to ensure efficient run-off toward the outlet points.
- The Plastic Intercept **Heelsafe** Anti-Slip Grate provided a slip resistance rating of P4 AS 4586 Slip Resistance Classification for Wet Pendulum Test.
- The stainless steel edge rail of the KS100 channel provided a corrosion resistant metal whilst providing a firm restraining edge for concrete pavements to be laid up against.

Other ACO products used

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

