

ACO Cablemate® - Polycrete® Pits

Case Study



Yanchep Active Open Space Playground - Yanchep, WA

The City of Wanneroo recently committed funding to redevelop Yanchep Active Open Space Parkland. The upgraded parkland features two multi-purpose ovals, two hard courts for netball, basketball, and tennis, new cricket nets, long jump and discus pits. Supporting facilities include a playground and a large multipurpose building with sports areas and meeting rooms.

Project Design Brief

The project required multiple service cable pits across the site to house cables for communications and data, lighting, power, and CCTV services. Pits were required to have high mechanical strength, chemical resistance, and water-impermeable properties. Slip resistant lids were also needed for pedestrian safety with the capability to be upgraded one day to higher security levels.

ACO's Solution

- **Polycrete®** Pit - Type 66 with **PowerLok®** steel lid

Benefits

- **Polycrete®** Pits have excellent insulation properties, high mechanical strengths, chemical resistance and zero water absorption.
- **PowerLok®** lids can be easily upgraded to a higher-level security using padlocks, if required.
- **PowerLok®** lids have a slip resistance rating of R10 to AS 4586 for pedestrian safety.

Other ACO products used

- Trench Drains - **ACO Drain®**

