

ACO StormBrixx® SD

Case Study



Stand and Jean Perron Child Advocacy Centre - Perth, WA

The Stand and Jean Perron Child Advocacy Centre is a purpose-built facility providing safe accommodation and support for children and young people affected by abuse-related trauma. As the second of its kind in Australia, it brings together Parkerville Children and Youth Care, WA Police, and the WA Department of Child Protection to deliver an integrated, accessible support system for vulnerable children and families.

Project Design Brief

The design intent was to ensure that stormwater captured from the building's roof could efficiently infiltrate back into the ground. Due to limited available space, designers needed to maximise the storage capacity of the infiltration tank while accommodating the building's footings and piers.

ACO's Solution

- **StormBrixx** SD – 30m³ geocellular stormwater tank

Benefits

- ACO **StormBrixx** is strong and quick to assemble. It is installed in a brick bonded and cross bonded configuration for optimal stability.
- Optimum storage capacity with 97% void ratio of total volume
- The open cell structure permits completely free access for CCTV and jetting equipment which allows the whole system, including all the extremities, to be inspected and maintained from a few access points.

