



ACO StormBrixx® - SD

Case Study

Bonbeach Life Saving Club, Bonbeach, VIC

The Bonbeach Life Saving Club is a community-orientated club that encourages members to enjoy a healthy, active lifestyle whilst learning life skills to become qualified lifesavers. In a recent partnership between the Victorian State Government and the local Kingston Council, a new club facility was constructed incorporating modern facilities with sustainable features.

Project Design Brief

Stormwater capture from the club's roof top and its infiltration into nearby vegetation was part of the sustainability design brief. With limited space to work with, designers needed to maximise the storage capacity of an infiltration tank whilst fitting it into a very restricted space. An easy to maintain forebay sedimentation trap was also required.

ACO's Solution

- **StormBrixx® SD** – 45m³ geocellular stormwater tank

Benefits

- Unique pillar configuration, which provides a high void ratio of 95% for maximum storage
- Can incorporate a forebay sedimentation trap beneath a purpose built access point for maintenance
- Modular components that can be assembled to produce a tank to fit into tight spaces
- Brick bonding and cross bonding feature, which provides unparalleled stability

Other ACO products used

- Stormwater threshold drains ([ACO Buildline](#))

