

Beacon 19 Boat Ramp

Goolwa, South Australia – The Beacon 19 Boat Ramp is one of the main access points to the Coorong National Park. These popular boating facilities are located near the Goolwa Barrage and have been upgraded to provide an improved and safer boat launching point for fishers accessing the Coorong. The project involved dredging and the construction of two new jetties and a new pontoon structure. These new facilities will promote Goolwa and the surrounding areas as a boating destination. They will also encourage greater opportunities to link Beacon 19 with natural attractions such as bird watching, walks and other marine experiences found in the Coorong and Lower Lakes.

Treadwell was engaged by McMahon Services Australia to supply the FRP grating and wave action fixing system.

Project Challenges

- Structure would be exposed to wave loading and needed to be resilient in such conditions.
- Corrosion resistance and deterioration were concerns, being exposed to the outdoor marine environment.
- Installation had to be quick as it was dependent on weather.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP grating and wave action fixing system
Treadwell Products:	NatureTREAD™ FRP Solution EX-Series® GratEX® FRP Mini Mesh EX-Series® StormChief® Grating Fixing System



Images credit – McMahon Services Australia

Treadwell Solution:

- 1 EX-Series® GratEX® FRP grating has anti-slip grit impregnated into the surface, ensuring optimal safety for users.
- 2 Treadwell FRP has corrosion-resistant properties, as well as UV inhibitors, ensuring that structural integrity is maintained even in the exposed outdoor environment.
- 3 Treadwell FRP is lightweight, allowing for quick installation without the need for heavy machinery.
- 4 EX-Series® StormChief® wave action fastening system is the optimal solution for this application and is easily fastened from the top surface.
- 5 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 6 Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.