

Port Latta Production Site

The iron ore production facility in Port Latta is one of Australia's largest and has been serving global markets for many decades. Set to increase its annual production of iron pellets in the coming years, this production plant is not slowing down.

To ensure the safety of their workers, Treadwell was engaged to provide safe access in the production facility. Keeping in mind the projected high levels of productivity, it was specified that the products used would be quick to install and would not require regular downtime for maintenance.

Project Challenges

- The decking needed to withstand heavy duty loading traffic.
- The decking and railings had to be resistant to corrosive debris and fumes.
- The structure had to maintain integrity through product buildup and exposure to the outdoor environment.
- Heavy and regular production meant that there could be no downtime for installation and regular maintenance.

PROJECT INFORMATION	
Project Category:	Iron Ore Production Facility
Scope of Work:	Supply FRP Products
Treadwell Products:	EX-Series® GratEX® FRP Grating RailEX® Round Handrail



Treadwell Solution:

- 1 GratEX® FRP Grating is constructed with an anti-slip surface, providing superior slip resistance.
- 2 RailEX® Round handrails provide dependable and safe support.
- 3 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 4 Being lightweight and easy to install, FRP is very manageable during construction.
- 5 Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.