

Dunbogan Boardwalk

Dunbogan, NSW – The Dunbogan Beach to Beach Shared Pathway project is a community-driven initiative aimed at enhancing connectivity and accessibility in the region. Spanning 11 kilometres, this shared pathway links North Haven, Laurieton, and Dunbogan, offering locals a safe and convenient route for exploring the area. The project is designed to facilitate recreational activities while preserving the natural ecosystem.

As part of the development, Treadwell was engaged by Eyre Constructions with supplying our NatureTREAD™ FRP solution, comprising of structural profiles, grating and balustrades, for the boardwalk.

Project Challenges

- Corrosion resistance and lightweight installation were key concerns.
- The selected material had to withstand UV exposure.
- Decking had to be anti-slip for user safety.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP grating and structural profiles
Treadwell Products:	NatureTREAD™ FRP Balustrades EX-Series® GratEX® FRP Mini Mesh Grating ArchitEX® FRP Structural Profiles



Treadwell Solution:

- 1 Treadwell's FRP products are crafted from premium resin systems with corrosion resistant properties, fire retardant additives and UV inhibitors, ensuring suitability for outdoor use.
- 2 The lightweight nature of FRP allows for installation without heavy machinery, causing minimal impact on the surroundings and reducing the load on the natural environment. This also reduces costs associated with transport and labour.
- 3 EX-Series® GratEX® FRP Mini Mesh grating panels, used for the decking, have an impregnated grit surface, eliminating the risk of delamination, and ensuring a durable and long-lasting anti-slip surface for user safety.
- 4 The openings in the grating allow for sunlight and water to fall through, this allows the natural habitat to thrive.
- 5 Any variance on task is easily managed with hand tools, eliminating the 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.