

Montario Quarter – Parkland Boardwalk

Perth, WA – The Montario Quarter, envisioned as a new benchmark for urban living, has undergone a series of phased upgrades to revitalise this vibrant urban village while preserving its rich history and natural resources. A significant part of this transformation is the development of a community parkland featuring open grassy areas, a dog park, and a tree-lined boardwalk.

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

Project Challenges

- Exposure to various outdoor conditions required the structure to be resistant to corrosion, pests and withstand UV exposure.
- Installation should not disrupt the location’s environment.
- Selected material had to be in line with the development’s status as a sustainable development.

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 Treadwell FRP is rot- and termite-proof.
- 3 EX-Series® GratEX® FRP Mini Mesh grating panels have an impregnated grit surface, eliminating the risk of delamination, and ensuring a durable and long-lasting anti-slip surface for user safety.
- 4 Treadwell FRP is constructed with the colour pigments integrated into the product. This means that graffiti can be removed without affecting the colour of the product.
- 5 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.
- 5 FRP is long lasting, outlasting traditional materials, minimising resources needed for repairs and replacements.