

Kingston Beach Access Ramp

Kingston Beach, Tasmania – Kingborough Council initiated a project to improve access for visitors to Kingston Beach. This included a beach ramp, level pedestrian crossing and new disability parking spaces. Understanding that people living with disability or limited mobility should have equitable and easy access to services and facilities, these new access implements were designed to encourage wheelchair users to enjoy the sand and waves. People with prams and those who have trouble navigating stairs will also enjoy ease of access to the beach.

Treadwell was engaged to supply the FRP products for this beach access ramp.

Project Challenges

- The beach access ramp had to accommodate fluctuations in the sand level from tides and storms.
- Ramp had to be pram and wheelchair friendly.

PROJECT INFORMATION

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

Treadwell Solution:



1

As part of the Treadwell NatureTREAD™ range, high performance GratEX® FRP Mini Mesh grating and ArchitEX™ FRP Structural Profiles were specified in building the structure as a preferred solution over traditional materials.

2

Ramp complies with AS 1428 standards.

3

The openings of the GratEX® FRP Mini Mesh allows for water and debris to fall through, creating a self-maintaining anti-slip surface.

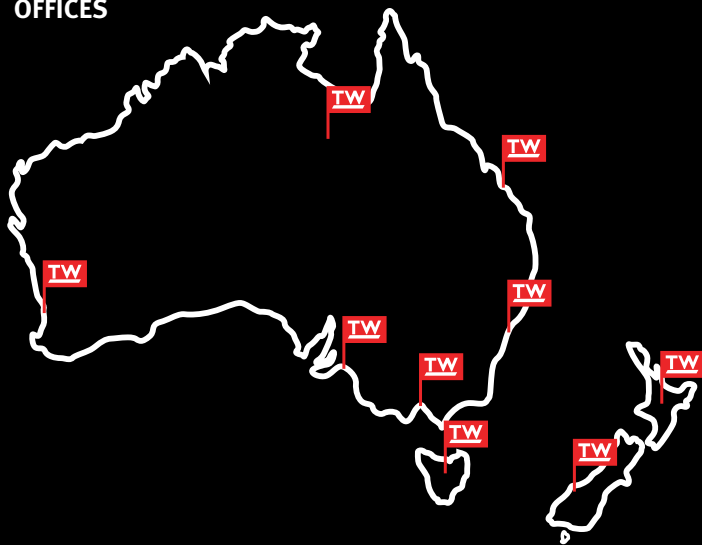
4

The lightweight nature of FRP means that heavy machinery is not required for installation. This also minimises the weight loading of the entire structure on the environment.

5

GratEX® FRP grating is constructed as a large single piece panel, ensuring a uniform surface, without large gaps between panels.

OFFICES



ABOUT TREADWELL

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

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22 DUNREATH ROAD
STRATHALBYN, SA 5255

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1 CAILIN PL, ALTONA, VIC 3018

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MIDVALE, WA 6056

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8 RIVER ROAD
WIVENHOE, TAS 7320

New Zealand

NORTH ISLAND

▶ **AUCKLAND (BRANCH OFFICE & WAREHOUSE)**

UNIT B, 110 CRYERS ROAD
EAST TAMAKI, AUCKLAND 2013

Australia

P 1800 246 800

sales@treadwellgroup.com.au

F 1300 763 521

treadwellgroup.com.au

New Zealand

P 0800 246 600

sales@treadwellgroup.co.nz

F 0800 244 600

treadwellgroup.co.nz