

Wynyard Wharf

Located at the mouth of the Inglis River, Wynyard is a popular holiday spot for beach activities, ocean and river fishing. This picturesque town serves as a pitstop for those exploring the rugged beauty of Tasmania's northern coast and is also a hub for the rural areas nearby. Known for their dazzling fields of tulips, Wynyard also boasts an abundance of coastal walks, and is every nature lover's dream.

Treadwell was engaged to supply the FRP grating for a wharf in this town, as well as the acoustic dampeners.

Project Challenges

- The selected material had to be customised to meet the required aesthetic.
- The need to ensure sound dampening was a key consideration.
- Light fixtures would need to be incorporated into the decking.
- Being installed over a body of water, the decking needed to be fastened in place from the top.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Design & supply FRP grating & rubber acoustic dampeners
Treadwell Products:	EX-Series® GratEX® FRP Micro Mesh Grating Treadwell high density rubber strips



Treadwell Solution:

- 1 The GratEX® FRP Micro Mesh grating was customized to meet the aesthetic and practical requirements of the structure.
- 2 To reduce the acoustic echoes and sounds of pedestrians on the wharf, rubber strips were installed on the underside of the grating for sound absorption.
- 3 With low electrical conductivity properties, allowances for the light fixtures were easily managed.
- 4 Treadwell's FRP grating are easily fastened into place with clips that can be installed from the top.
- 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.