

Lake St Clair

At the southern end of the world-renowned Cradle Mountain-Lake St Clair National Park, Lake St Clair is part of the Tasmanian Wilderness World Heritage Area. Carved out by ice during several glaciations over the last two million years, this is the deepest fresh water lake in Australia. Surrounded by mountain peaks, there is a sense of rugged beauty and ethereal splendor here. Boasting a wide range of walking trails, and an abundance of native wildlife, Lake St Clair is truly an experiential location.

To protect the environment as well as allow easy access for visitors, an access ramp was installed. Treadwell was engaged to provide the grating for this structure.

Project Challenges

- Being installed in such an ecologically important location meant that great care had to be taken to ensure there was no negative impact on the surroundings.
- Due to the inaccessibility of the location, heavy machinery could not be employed.
- Being used by visitors of all ages and ability, the selected material had to ensure a safe and anti-slip surface.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP Mini Mesh Grating
Treadwell Products:	EX-Series® GratEX® FRP Mini Mesh Grating



Treadwell Solution:

1

GratEX® Mini Mesh grating can be modified easily on site for any variance on task, without the need for any hot works permit.

2

Treadwell's FRP is lightweight and can be easily managed and installed without the need for heavy machinery.

3

Treadwell's GratEX® FRP grating is constructed from premium resin systems and has a grit surface for anti-slip properties.

4

GratEX® FRP Mini Mesh grating has small apertures that allow water and other debris to fall through, ensuring a self-maintaining anti-slip surface.

5

Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.