



**Terra
Firma™**
INDUSTRIES

Access Structures

Stairs

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Colac WTP

Barwon Water

Project Overview:

PROJECT: Colac Water Treatment Plant – Colac, VIC

PROBLEM:

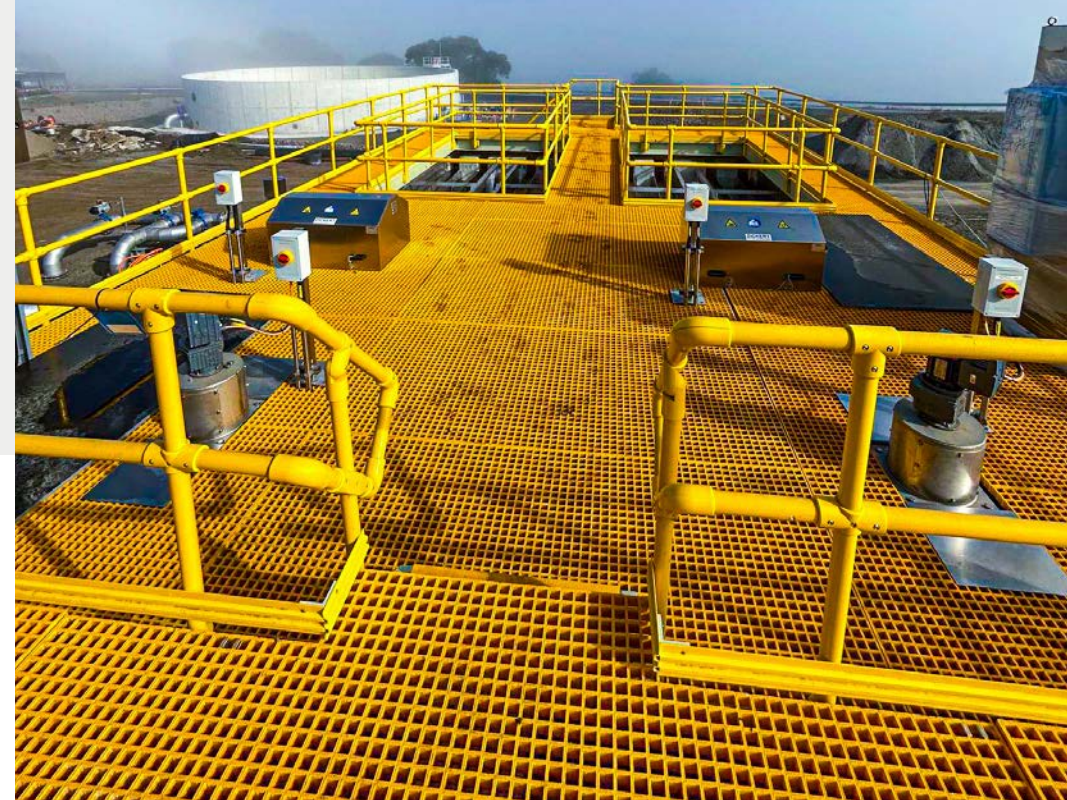
- Complex configuration
- Corrosive environment
- High-risk work environment

SOLUTION:

- Terra Firma manufactured and assembled the substructure, stairs, walkways, handrails etc. offsite
- Shipped semi-assembled with easy-to-follow instructions for onsite completion
- Minimised onsite construction time
- Strong, durable, non-corrosive and chemical resistant
- Highest rated (P5), integrated anti-slip surface

PRODUCTS:

- TerraGrate FRP grating
- FRP Handrails
- FRP Structural profiles



Blackmans Bay STP

Tas Water

Project Overview:

PROJECT: Blackmans Bay Sewage Treatment Plant, NSW

PROBLEM:

- Corrosive and chemical environment
- Requirement for odour reduction
- High-risk work environment
- Complex configurations

SOLUTION:

- Terra Firma manufactured the odour control covers, lifting points and fixings offsite. FRP walkway grating and stairs pre-cut to size for ease of shipping
- Reduce installation time in high-risk environment
- Strong, durable, non-corrosive, chemical-resistant
- Highest rated (P5) integrated, anti-slip surface for added safety

PRODUCTS:

- Terra Firma FRP Odour Covers and fixings
- TerraGrate FRP Minimesh grating



Mt. Sturgeon

Parks Victoria

Project Overview:

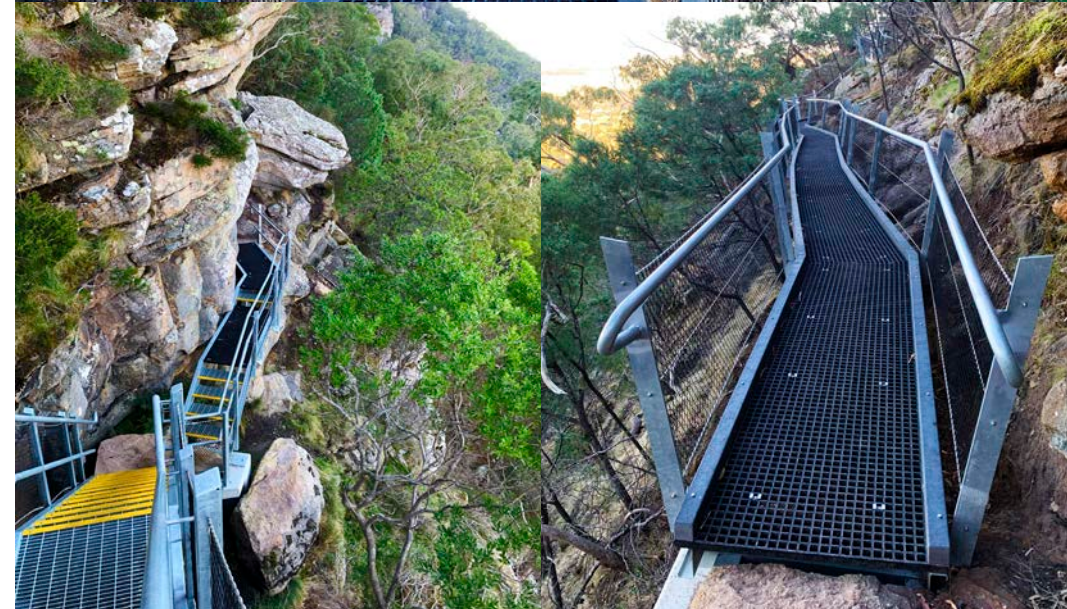
PROJECT: Mt. Sturgeon Walkway - Grampian (Gariwerd) National Park.

PROBLEM:

- Remote Area
- Steep and Inaccessible
- Fire Risk Area
- Complex Configurations
- Required Helicopter Access with weight of load restrictions

SOLUTION:

- Terra Firma Manufactured Walkway to specific size, weight, and configuration
- Adaptable to different fixtures and framing
- Durable
- Non-corrosive
- Lightweight for optimal load efficiency
- Fire resistant



Ramada Resort

Wyndham Hotel Group

Project Overview:

PROJECT: Ramada Resort Walkways, Stairs, and Access Paths

PROBLEM: High levels of maintenance and slip-risk with traditional wooden walkways

NEED: Low-maintenance, non-slip walkway that enhances aesthetic appeal of resort

SOLUTION:

- TerraGrate MiniMesh FRP Grating
- TerraGrate MiniMesh FRP Stair Treads
- TerraGrate MiniMesh FRP Stair Nosing
- Lightweight
- Highest P5 Non-Slip Rating
- Colour-matched to surrounding infrastructure
- Suitable for aggressive seaside environments





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