



FRP GRATING (MESH), HANDRAILS & STAIRS

The durable and corrosion and
chemical resistant alternative.

STRUCTURALFRP
AUSTRALIA



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Australia's leading supplier of FRP solutions

Fiberglass Reinforced Plastic (FRP) grating, handrails, and stairs provide a better alternative to metal, timber and concrete structures in corrosive environments. FRP is more durable and easier to maintain and provides an anti-slip surface in both open mesh and covered-top styles.

Strong:	High strength-to-weight ratio.
Low maintenance:	Self-cleaning, UV resistant, corrosion resistant, and does not require painting.
Ergonomic:	Provides flex that reduces physical fatigue and back strain.
Fire retardant:	Meets Australian standards (i.e. Flame spread rating of class 1,25 or less, per ASTM E-84).
Easy to install:	Lightweight and easy to cut with circular saws. Structural FRP Australia will supply all necessary installation fittings and will happily pre-cut panels and sections to suit.
Chemical resistant:	Please see website for details of resistances to a range corrosive materials.

Applications

- Walkway grating (mesh and covered top)
- Disability Ramps
- Shearing Sheds
- Stair Treads
- Bund Grating
- Trench and Sump Grates
- Odour Covers
- Suspended and Raised Floors
- Handrail Systems
- Support Structures
- Outdoor Decking

Locations

- Water and Waste Water Plants
- Marine industry
- Houseboats
- Swimming Pool Decking
- Chemical Processing Plants
- Offshore Drilling Platforms
- Mining Industry
- Agriculture: Including cattleyards, shearing sheds, drain covers, and horse floats



FRP Grating (Mesh)

Colours:



Yellow, Green, Charcoal

Thickness*:

25mm, 38mm, 50mm

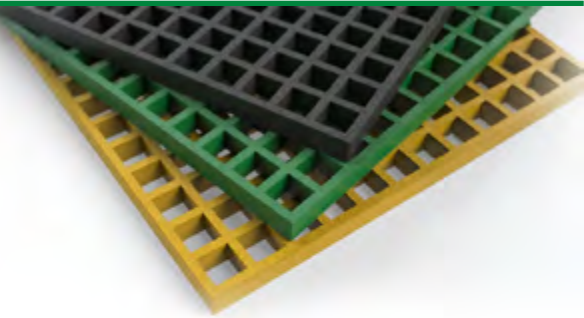
Surface Options

Grit Top: Type 6 (Coarse): Industrial Applications

Type 8 (Fine Grit): Boardwalks, Jetties, Stair Treads, Disability Ramps

Type 9 (Super-Fine): Bare feet, Shearing Sheds

Concave Top: Often preferred by the food and beverage Industry where high pressure cleaning is important.



Product Code	Mesh Thickness (mm)	Height (mm)	Surface Finish (Grit)	Colours	Availability
PG-I2538[Colour-Code]	25mm	38mm	Coarse (6)	Yellow, Green, Charcoal	In Stock
PG-I2519CGF <i>MiniMesh</i>	25mm	19mm	Fine (8)	Charcoal	In Stock
PG-I2319-CGS9 <i>MiniMesh</i>	23mm	19mm	Super-Fine (9)	Charcoal	In Stock
PG-I3838[Colour-Code]	38 mm	38 mm	Coarse (6)	Yellow, Green, Charcoal	In Stock
PG-V3838YG <i>Highest Corrosion Resistance</i>	38 mm	38 mm	Coarse (6)	Yellow	In Stock
PG-I3819CGF <i>MiniMesh</i>	38 mm	38 mm	Fine (8)	Charcoal	In Stock
PG-I5050[Colour-Code]	50 mm	50 mm	Coarse (6)	Yellow, Green, Charcoal	Special Order

* For load specifications please see our website at structuralfrp.au (Downloads)

Colour	Colour Code
Charcoal	CG
Yellow	YG
Green	GG

Stair Treads

Safe and durable

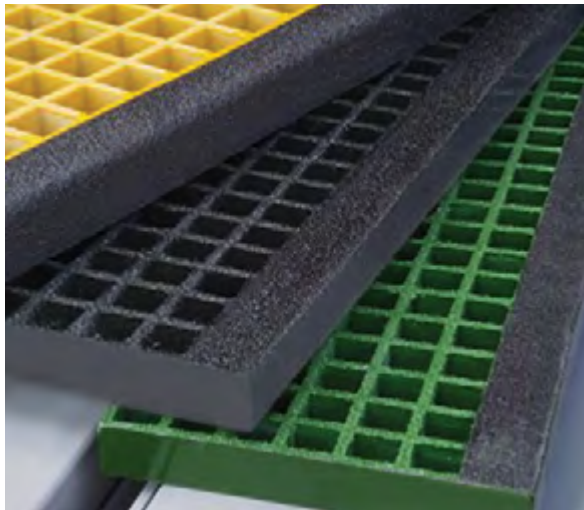
Our FRP Stair treads have permanent anti-skid properties, high corrosion resistance and incredible durability. The leading edge (nosing) is made of course grip. We supply all necessary parts for installation.

Standard colours

- Green
- Yellow
- Charcoal

Optional Nosing Colours

- Yellow
- Black



Handrail Systems

An alternative to metal handrail systems, FRP handrails require no maintenance and are quick to install.

You can choose between 50mm round tube or 50mm square tube profiles and the top of the curved handrail can be round or curved.

- Conforms to AS1657.
- Premium VEFr grade chemical and corrosion resistant tubing.
- Simple installation tools.
- Can be supplied in pre-assembled modules or unassembled.
- Can be secured to your existing floor support structure or as a standalone system.



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We acknowledge the Koorina People as the Traditional Custodians of the land on which we live and work, and we pay our respects to Elders past, present and emerging.