



STAIRCARE SC-R™

Tailor made FRP solutions
for Rail industries
since 2004



STAIRCAREFRP
COMPOSITE DESIGN & FABRICATION



Staircare FRP Product Applications For Railway Environments

Staircare SC-R™ is the registered trade name for our FRP products and fabrication service.

Mid-Rail Coupler Work Platforms

SC-R™ FRP grating, stair treads, structural shapes and handrails combine to establish a FRP system. This works to provide safe and versatile access as materials are non-conductive and produce exceptional corrosion resistance.

Our design, manufacture and supply service includes engineering sign off, design and as built drawing to Australian Standards

Please see below examples of our capabilities:

Designed and built to sit between rails with two access stair platforms including removable handrails

Mid-rail coupler work platform handrail removed

Mid-rail coupler work platform mid-handrail in storage location

Mid-rail coupler work platform assembly test prior to delivery



Mid-Rail Work Platform



Railway Crossovers

- Design, supply and install 64 Crossovers at Auburn Rail Yard



Train Wash Facility

- Design, fabricate and install drainage grating and FRP solid top cover trench cover removable walkway



▣ Pump Station

SC-R solid top cover grating trench cover walkway panel with lifting lugs

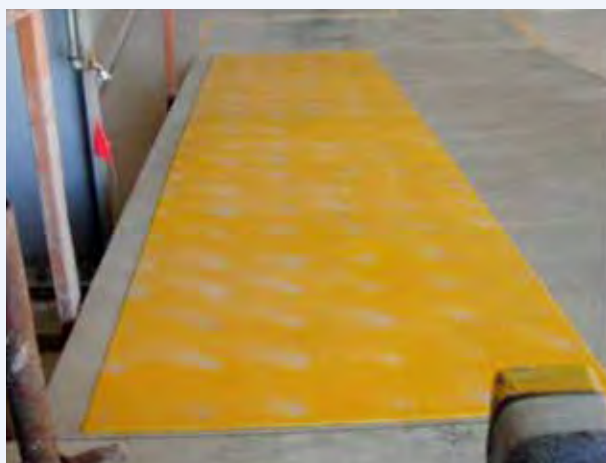
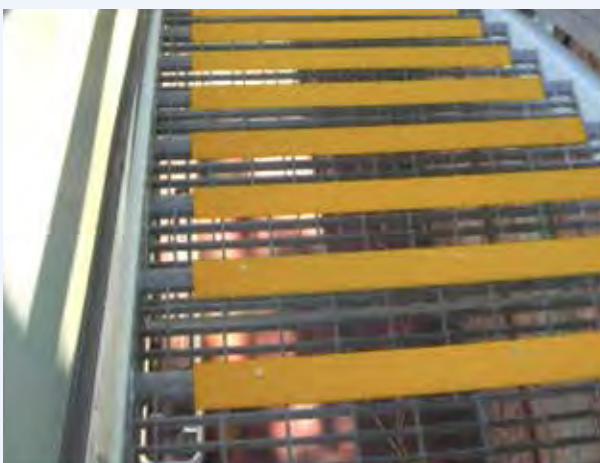


▣ Substation Access Platform

Non-conductive access platforms for electrical substation



▣ SC-R Anti Slip FRP Stair Nosings, Strips and Plates



Staircare SC-R Made to Measure FRP Fabrication

Staircare's FRP structure design and fabrication processes are operated in close consultation with our clients to ensure satisfaction throughout all stages of initial concept to final completion. These structures are made to comply with relevant Australian standards and our products have been tested both in-house and by external professionals. By doing so, we are able to have complete confidence and assurance in the products we provide. At Staircare, we are constantly refining, upgrading and improving our existing products to ensure we are providing a high quality service.

Robust structures can also be delivered to locations complete or in manageable components for assembly on site, depending on your needs.

Staircare™ engineering capabilities are as below



- 1 — Feasibility study and conceptual design
- 2 — Site Visit and measurements
- 3 — Detailed 3D design and drafting
- 4 — Detailed calculation according to the Eurocomp and ANSI\ACMA and Australian Standards
- 5 — Third-party check and inspection
- 6 — Mechanical and physical tests and FEA simulations.
- 7 — FRP custom made design
- 8 — 3D Modeling





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