



Tailor made FRP solutions
for Oil and Gas industries
since 2004

CHEMICAL OIL AND GAS SC-R™



STAIRCAREFRP
COMPOSITE DESIGN & FABRICATION

Chemical, Oil and Gas

Staircare SC-R™ made from FRP composite material offers the best available combination of strength, resilience and corrosion resistance. Depending on the environment, different resins such as isophthalic polyester, vinyl ester or phenolic are used in the construction of grates, structural shapes and plates. They are suitable for high exposure to saltwater and offer high resistance to fumes and chemicals such as: acid, alkali, solvent liquids and Petro Chemical spillage.

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

Staircare Australia Pty Ltd

📍 Staircare Australia Pty Ltd 2/84 Old Pittwater Road,
Brookvale NSW 2100, Australia ✉ info@staircare.com.au

☎ +61 (2) 9939 3838 🌐 www.staircare-frp.com.au

