

END-TO-END FRP SOLUTIONS  
FOR YOUR CONSTRUCTION  
AND CORROSION PROBLEMS

## WHO ARE ARGOS?

Argos FRP (formerly ABBIX FRP) was established in 2004. We are a proudly Australian owned and operated company, committed to helping industry discover the design, construction, maintenance and cost benefits of FRP.

We invest heavily in R&D, having spent millions since our inception, and continue to develop the highest quality FRP products and solutions. Having operated one of only a few pultrusion machines in Australia, our team has a sound understanding of the FRP industry from innovative design and manufacturing, through to assembly and project management. It is this end-to-end knowledge that makes us such an effective partner to solve your construction and corrosion problems.

Argos FRP works closely with a team of external contract engineers, draftsmen, stainless steel and other fixture and fitting suppliers and overseas FRP manufacturers so we can deliver the best-tailored solution for your needs.

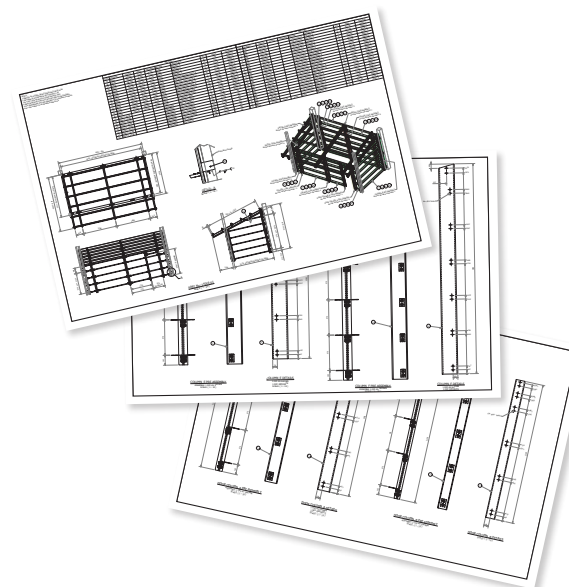
For trivia buffs curious about our name, it pays tribute to the inventor of fiberglass, Russell Games Slaytey, who was from Argos, Illinois.



# WE SOLVE CONSTRUCTION AND CORROSION PROBLEMS

We all know what happens when you play Chinese whispers – the message gets distorted along the way. At Argos, you work directly with senior engineers, not layers of sales people, to ensure we have a complete understanding of your construction and corrosion issues. Working in close partnership with you, we develop a customised solution for your project.

Our range of services span from feasibility studies right through to installation. This end-to-end service ensures you enjoy consistent communication, quality, price and deliverables across the entire project.



## OUR END-TO-END SERVICES:

**Feasibility Studies** – We work closely with you to determine whether FRP is your best option.

**Project Management** – We can take complete control of a project from conception to completion, to ensure time-frames and costs are met.

**Engineering & Design** – Our FRP solutions are fully engineered and certified for the intended application and use. Fully documented drawing packages are supplied with every project.

**Manufacturing** – We partner with an ISO9001 certified company to manufacture our products in Malaysia. This allows us to manufacture custom profiles as well as more standard items.

**Stainless Steel** – Where necessary we source and supply 316 brackets, connectors and fittings from quality suppliers.

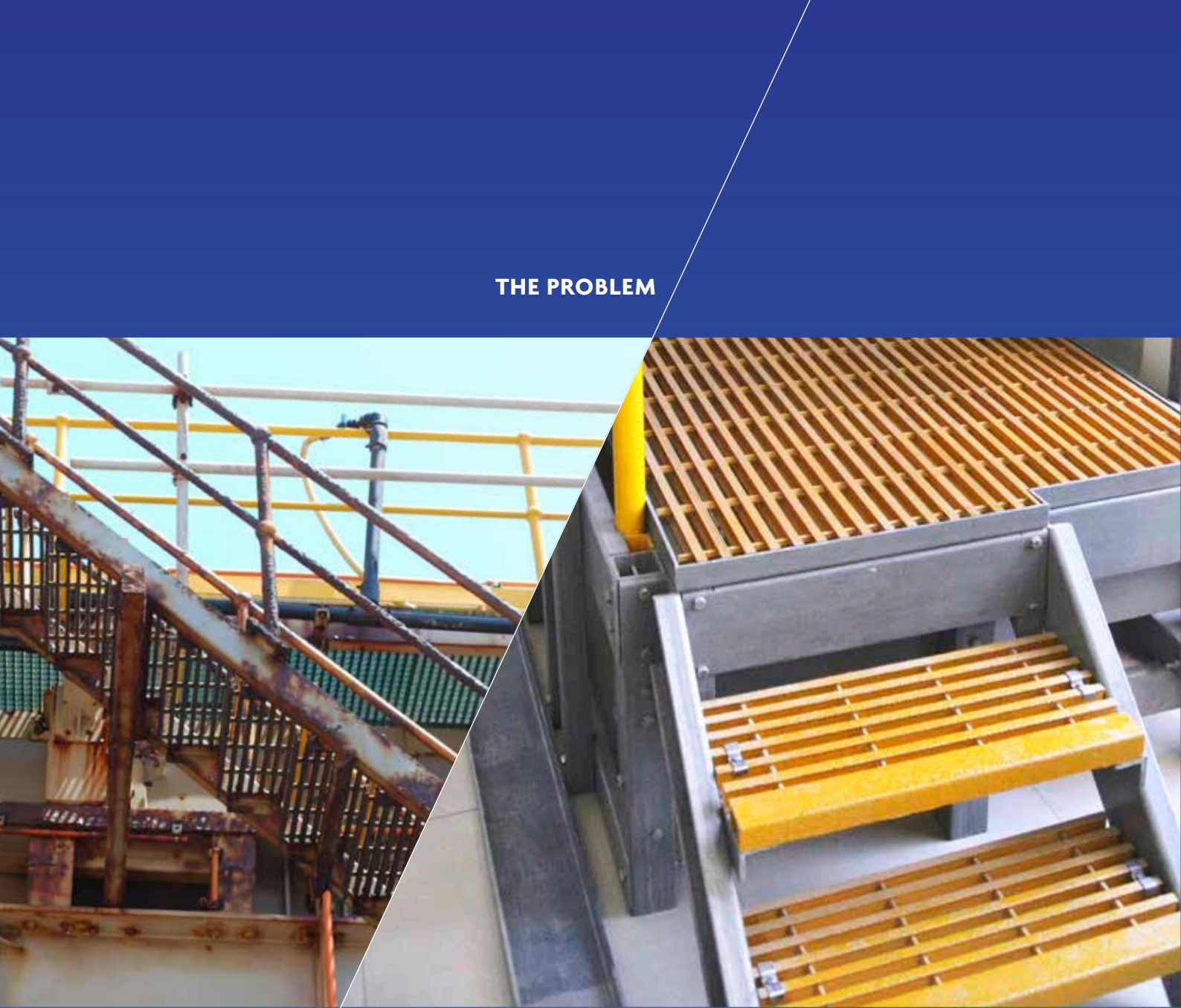
**Fabricate & Assemble** – We can fabricate and assemble the majority of projects. This includes cutting and drilling all items for easy assembly, either at the factory or on site.

**Transport & Delivery** – Wherever in the world your project is, our secure shipping and local freight options make sure your FRP solution arrives safely.

**Research & Development** – We invest heavily in R&D. Our multi-million dollar research spend has put us at the forefront of the FRP and ensures you are receiving the most technological solution possible.







THE PROBLEM

THE ARGOS FRP™ SOLUTION

WHAT PROBLEMS CAN FRP SOLVE?

FRP (fibre re-enforced polymers) products are produced from a combination of ‘E’ glass and resilient polyester or vinylester resin which are bonded together inside heated dies through a pultrusion process to form this incredibly strong, lightweight and durable material. FRP is a thermoset material, not a plastic, so it will not corrode in salt or fresh water, be eaten away by chemical solutions, or warp under pressure. And it will not conduct electricity, or interfere with Wi-Fi and cellular transmission.

What Argos FRP will do is significantly reduce your installation costs. At 25% of the weight of steel, and

70% of the weight of aluminum, FRP is lightweight and easy to install and requires less structural support from foundations. Better yet, it can be fabricated on site with no welding required.

Most importantly of all, Argos FRP will slash project life cycle costs to virtually zero. Argos FRP can withstand the most corrosive environments and is virtually maintenance free.

Argos FRP even helps out with your green star rating as all of our products have a much lower carbon footprint than traditional construction materials.

HOW ARGOS FRP MEASURES UP AGAINST OTHER MATERIALS

	Wood	Aluminium	Mild Steel	Galvanised Steel	Stainless Steel	Argos FRP
Corrosion Resistant				Limited	✓	✓
Chemical Resistant					✓	✓
Fire Retardant						✓
Deform/Impact Resistant						✓
Lightweight & Durable	✓	✓				✓
Low Thermal Conductivity	✓					✓
EMI/RFI transparent, non-conductive & non-interfering	✓					✓
Lifetime Cost	100-300%	150-200%	200-400%	150-250%	200-300%	100%



# A SAMPLE OF WHAT WE DO

Your project will come with its own unique set of corrosion issues and construction challenges. At Argos FRP, we will partner with you to develop a customised solution. It may require all, some or none of the products below. It may require us to design and manufacture custom profiles and moulded products especially for the project. Whatever it takes, we will apply experience and innovation to find you the best result. The following list gives you an idea of just some of the ways Argos FRP solves construction problems.

## KEY PRODUCTS

**Structural Profiles** – we have a comprehensive range of standard structural profiles such as channels, SHS, angles, tube, I beams and columns, as well as the capacity to develop custom profiles for specific requirements.

**Grating** – our extensive range of grating products can be manufactured in various colours and specifications to suit your application.

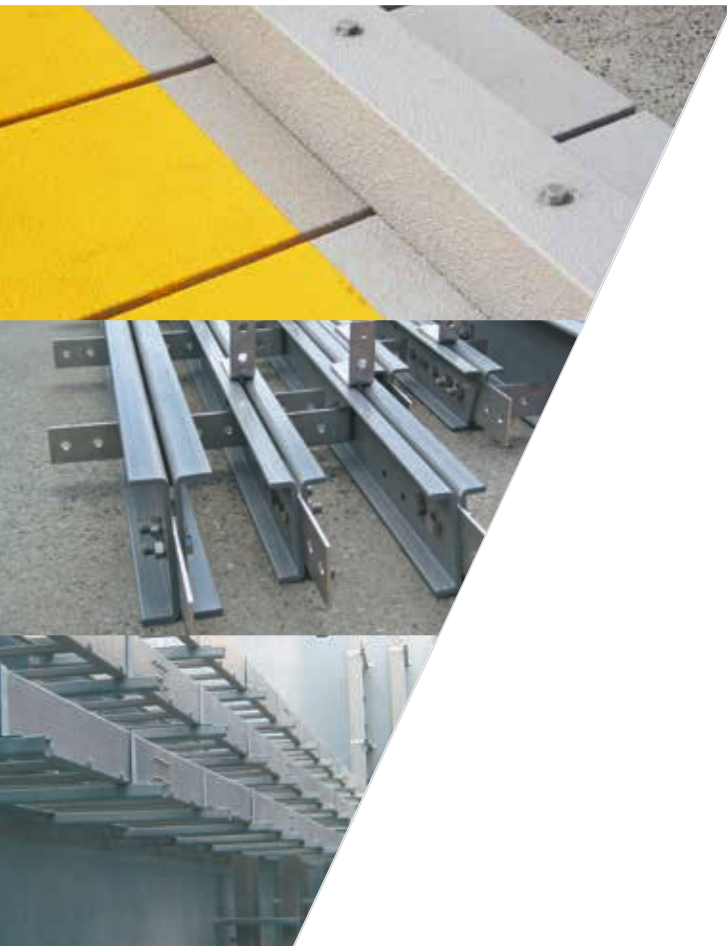
**Handrail Systems** – we supply both FRP & stainless steel handrail systems.

**Cable Ladders & Trays** – not only is FRP the obvious choice for installations where corrosion is an issue, but you also save on labour and maintenance costs, as there is no need to earth the system.

**FRP Decking** – available for commercial applications where a more architectural product is required. Our unique system is incredibly durable and tough and available in a variety of colours and finishes.

**Stainless steel fixtures and fittings** – we predominantly use grade 316 products to compliment our FRP offering and to help form a complete solution.

**Stainless steel connectors** – where required we use 316 stainless steel brackets and connections to ensure structural integrity on all of our solutions.



## INDUSTRIES WE HELP

### Oil & Gas

Primary and auxiliary structural applications  
Grating and handrails (Access)  
Cable Ladders & Trays  
Jetty Infrastructure  
Moulded FRP Products  
Caged Ladders

### Mining

Primary and auxiliary structural applications  
Grating and handrails (Access)  
Cable Ladders & Trays  
Jetty Infrastructure  
Moulded FRP Products  
Caged Ladders  
Buildings  
Trench Covers  
Tanks

### Coastal & Marine

Primary and auxiliary structural applications  
Grating and handrails (Access)  
Cable Ladders & Trays  
Jetty Infrastructure  
Moulded FRP Products  
Caged Ladders  
Buildings  
Marinas  
Shipbuilding

### Chemical

Primary and auxiliary structural applications  
Grating and handrails (Access)  
Cable Ladders & Trays  
Moulded FRP Products  
Caged Ladders  
Tanks

### Civil

Bridges  
Screens  
Drain Covers

### Electrical

Cable Ladders & Trays  
Supports  
Housings  
Instrumentation Stands  
Flooring/Grating

### Water Treatment

Primary and auxiliary structural applications  
Grating and handrails (Access)  
Cable Ladders & Trays  
Moulded FRP Products  
Caged Ladders  
Tanks  
Baffles

### Utilities

Power poles  
Cross Arms  
Access

### Public Infrastructure

Walkways  
Viewing Platforms  
Civic projects  
FRP Decking  
Structural applications

### Building & Construction

Structural applications  
Access  
Roof access  
FRP Decking  
Cable Trays and Ladders

### Cooling Towers

Structural  
Cladding  
Access



## CONTACT US

Email: [info@argosfrp.com.au](mailto:info@argosfrp.com.au)

Web: [argosfrp.com.au](http://argosfrp.com.au)

Phone: (61) 8 9302 6177

PO Box 1384,

Osborne Park DC

Western Australia

Australia 6916

