

Enhancing Safety, One Gate at a Time: FRP Engineering's Custom Retrofit for Summit Fertilisers

How FRP Engineering's innovative solution enabled Summit Fertilisers to achieve full safety compliance while maintaining operational efficiency.

THE PROJECT

Project Category:

Scope of Work:

Solution:

Project Challenges:

Safety Retrofit (Product/Installation)

FRP Engineering worked closely with Summit Fertilisers to assess their safety requirements and ladder configurations, ensuring tailored solutions for their specific needs.

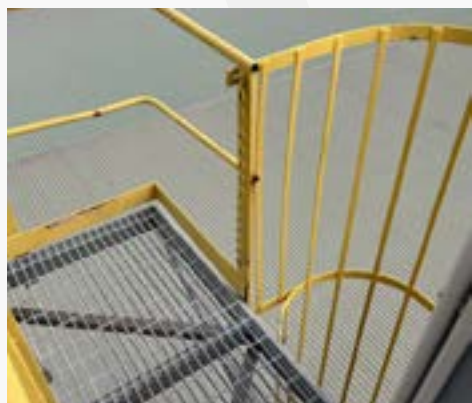
Designed custom FRP gates for each ladder entrance

The challenge was to seamlessly integrate new FRP gates into an existing vertical ladder structure, ensuring a precise fit with the current handrails, while maintaining high safety standards and adhering to strict safety protocols during the installation at heights. and work around old

THE SOLUTION:

FRP Engineering collaborated with Summit Fertilisers to design custom FRP gates for each ladder entrance, tailored to fit seamlessly into the existing ladder and handrail structure. Our team used the original site drawings to develop precise designs, then took accurate on-site measurements to ensure the perfect fit. To expedite the installation, we prefabricated all necessary components in advance, reducing installation time and minimising risks by limiting the amount of time technicians spent working at

BEFORE FRP:



Worker Safety Risks, and Non-Compliance with Australian Standards

AFTER FRP:



Full safety compliance achieved with secure gates



Controlled access, preventing unauthorised entry, and enhancing employee safety

THE FRP APPROACH:

1. Understanding Requirements & Designing

FRP Engineering collaborated closely with Summit Fertilisers to fully understand their safety needs and the unique configurations of their ladders, using the original site drawings to design custom FRP gates for each ladder entrance.

2. Precise Measurements & Prefabrication

Our team conducted accurate on-site measurements to ensure a precise fit and prefabricated all necessary components in advance, streamlining the installation process.

3. Efficient Installation & Safety Focus

By preparing everything beforehand, we reduced time spent working at heights, minimising both installation time and potential safety risks.

THE FRP RESULT

Enhanced Safety Compliance

Successfully installed custom FRP gates, improving safety compliance at Summit Fertilisers.

Seamless Integration & Perfect Fit

Integrated gates into existing ladder systems, ensuring a perfect fit and robust security.

Efficient Installation & Reduced Risks

Prefabricated components in advance, reducing installation time and minimising risks associated with working at heights.

Safer Work Environment

Created a safer working environment for technicians while minimising disruption to operations.

Long-Term Durability

Provided a durable, corrosion-resistant FRP solution, delivering long-term safety benefits.

Compliance with Standards

Ensured compliance with Australian Standards, promoting a secure and efficient workplace.



FRP PRODUCTS USED:

- FRP Profiles
- FRP Handrails
- FRP Engineering Knowledge and experience.

CONTACT US

For more information on our range, email us on enquiries@frpengineering.net or call us at (08) 9455 4343 to discover our range of safety work access platforms today!