

Walkways

ALUMINIUM & FIBREGLASS SYSTEMS

The RIS Aluminium & Fibreglass Systems are the culmination of extensive innovation, engineering, testing and made of durable materials.

These systems are also extremely versatile, suitable for use across a wide variety of applications, ensuring maximum protection to workers in all work environments.

All walkways are designed to meet the relevant requirements of AS1657:2018 and various statutory codes of practice.

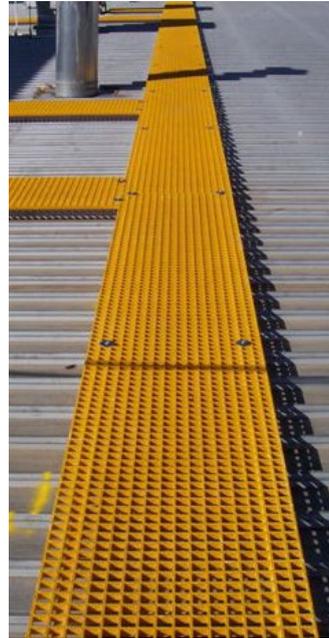
BENEFITS TO YOU:

Aluminium

- RIS Aluminium Walkway Systems are simple to install, lightweight yet incredibly strong and virtually maintenance free walkway systems.
- Simple solution for the safe access to roofs, roof top plant and equipment. The Walkway is compatible with the vast majority of metal deck profiles available, including corrugated iron.
- RIS Aluminium Walkway Systems can be fitted with RIS Aluminium Handrails to either one or both sides of the walkway, fully encapsulating the user thus providing maximum safety and eliminating the need for fall arrest systems or working at heights permits.

Fibreglass

- RIS Fibreglass Walkways, Platforms and Handrail Systems are innovative new products that provide an excellent alternative to conventional metal and aluminium flooring systems and have been growing in acceptance as the material of choice due to their inherent qualities and benefits.
- Excellent chemical and corrosion resistance – fibreglass is resistant to most common chemicals (acids, salts, alkalis) and is ideal for corrosive environments (mining, petrochemicals, water treatment, marine, food processing).
- Lightweight and ease of installation – fibreglass has two thirds the weight of aluminium and one quarter that of steel and together with its high strength to weight ratio makes it very manageable and easy to install.
- Excellent safety features such as non-slip surface and high visibility.



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WALKWAYS

RIS designs, manufactures and installs specialized platforms, gantries and suspended walkways to many structures across Australia.

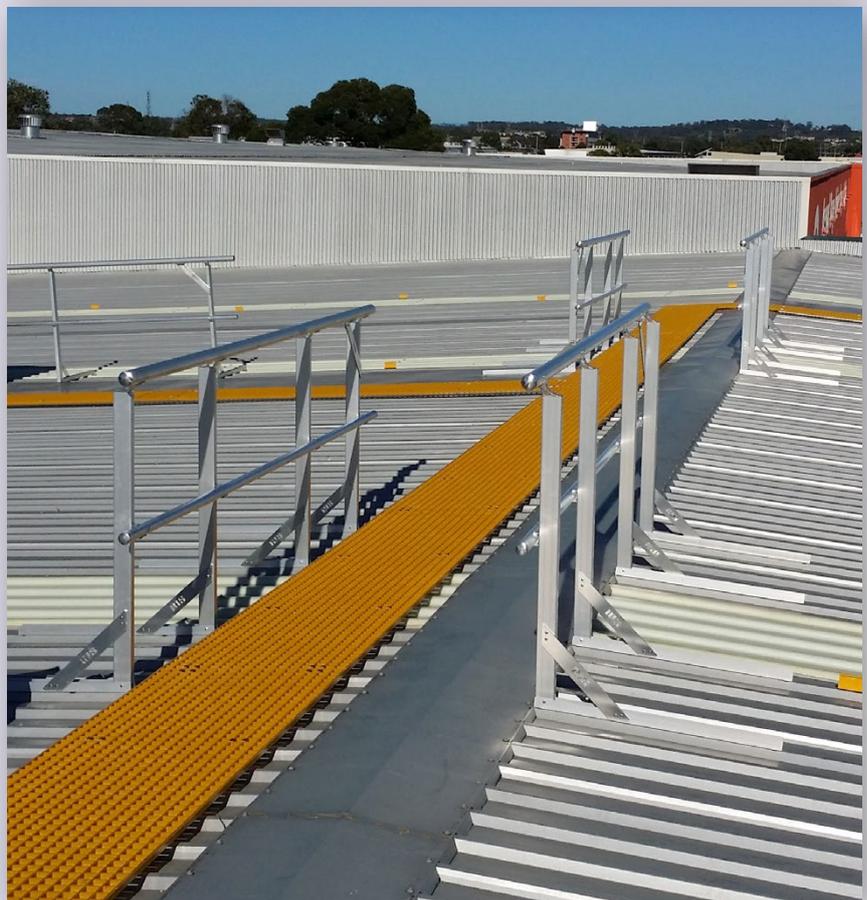
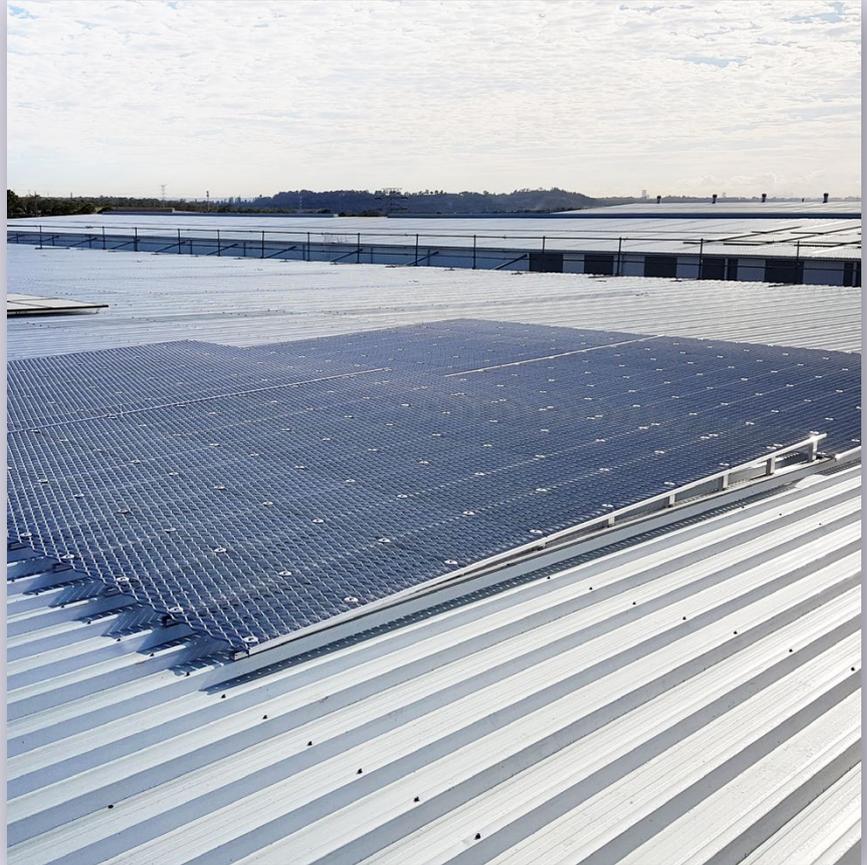
The high risk of falls can be controlled through the use of platforms, gantries and catwalks that are well designed and built to the requirements needed for safe access.

Maintenance-free, a platform, gantry or catwalk access system is the easiest and safest system to implement.

RIS design and install aluminium platforms, gantries and catwalks to the side(s) of cooling towers, for internal access in roof spaces, overhead services, crane access and many more specialized applications.

AC units suspended internally, typically between a suspended ceiling and roof, provide a challenge for carrying out maintenance safely and within occupational health & safety requirements.

The RIS solution is to provide platforms, gantries and catwalks alongside these units with stable and secure ladder access onto structural aluminium extrusions.





SPECIFICATIONS

MATERIAL:

Extruded and Expanded
Structural Alloy 6063 TS

MATERIAL DIMENSIONS:

Walkway Mesh/Grating
13mm x 600mm x 4000mm

Support Channel
33mm x 25mm @ 500mm to 850mm

Joiner Bar 13mm

End Bar 13mm

CONFIGURATION:

Intervals between support channels

FIXINGS:

Bulb-Tite Rivets 8-6W

Alloy Retaining Discs

EPDM Washers

GR 12 Tek Screws

FINISH:

Standard MILL

Powder coated Available

Anodized Available

COMPLIANCE:

The RIS Walkway is designed,
manufactured and tested
in accordance with AS1657:2018
and relevant statutory WHS Codes
of Practice Regulations.

LOAD CALCULATION CHART:

SINGLE SPAN		13mm LOAD BAR				
Load Condition	Load Criteria	500	620	700	800	900
UDL	Max Load Capacity (kPa)	4.8	2.5	1.8	1.0	0.8
Load 600mm Wide	Max Deflection (mm)	2.5	3.2	3.5	4.0	4.5

