



ALTO[®] STAIRS & PLATFORMS

Alto Stair and Platform Access Systems provide safe and easy access to varying height applications including service platforms, machinery, roof decks and other maintenance areas where frequent access is required by personnel. Alto Stairs and Platforms incorporate handrails and kneerails for added protection and stability of the user.

- > Highest level of safe and easy access
- > Purpose built to suit required application
- > Lightweight, robust aluminium construction
- > Modular design for easy delivery and site assembly

SPECIFICATION CODE

Alto Stair (ST500)

Alto Platform (ST500)

Specification Summary

Supply and install the proprietary Alto Stair and Platform Access Systems as per manufacturer, Sayfa Systems, recommendations. Alto Stairs and Platforms to be constructed using high grade aluminium incorporating profiled and extruded componentry. To include stairs, platforms, kickrails, hand and kneerails to suit required application. (Refer instruction manual.)

System Applications

- > Ideally suited to provide frequent access to areas requiring periodical inspections
- > Access to plant and machinery for maintenance
- > Access to production machinery for loading and unloading
- > Safe access over dangerous locations/voids and moving machinery

Technical Data

Material

All componentry and accessories manufactured from profiled and extruded high grade, structural aluminium with options for powdercoating.

Dimensions

Stair tread:

Length – 600mm to 1200mm

Width – 250mm

Depth – 40mm

Angle of Slope – 30° to 45°

Platform:

Loading – 2.5kpa

Width & Height – manufactured to suit application

Decking – 13/22mm expanded aluminium mesh

Kickrail – 100mm (H) extruded channel

Guardrail:

Guardrail – 1000mm above platform

Kneerail – 450mm below guardrail

Post spacing – max 2.0m

Fixings

Timber fixing – M10 stainless steel bolt set

Metal fixing – M10 stainless steel bolt set

Concrete fixing – M10/75mm mechanical concrete anchor

Metal roof deck fixing – 8mm construction grade Bulbrite rivet

Composite panel fixing – M10 stainless steel bolt set

(Refer instruction manual.)

Working Load Limit

Recommended for 1 – 2 person (2.5kpa) use or as engineered to suit specific application.

- > Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation

Compliance

Alto Stairs and Platform Systems are designed and manufactured generally in accordance with requirements of Australian Standard AS1657:1992 and relevant statutory OHS Codes of Practice/Guidelines.

Testing

Testing and performance based on requirements of Australian Standard AS1657:1992.

Product Warranty

3 years from date of purchase subject to correct installation, use and maintenance in accordance with manufacturer's specifications and recommendations. (Refer instruction manual.)

Inspection and Maintenance

Visual inspection for any damage or loose fixings must be done periodically and prior to use. No certified maintenance required. Basic wear/tear preventative maintenance is recommended, as per manufacturer's specifications and recommendations. (Refer instruction manual.)

Important Note

Failure to supply and/or install proprietary product in accordance with above specification and installation/usage guidelines voids complete system certification and/or warranty.

Technical Support

Sayfa Systems

T \ 1300 301 755

F \ 1300 881 092

E \ technical@sayfa.com.au

W \ www.sayfa.com.au

*Designed and manufactured by Sayfa Systems
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