



## ALTO<sup>®</sup> STEP LADDERS & BRIDGES

Alto Step Ladder Access Systems provide safe and easy access to varying height applications including roof areas, service platforms and other elevated areas where frequent access is required. Alto Step Ladders and Bridges incorporate handrails and kneerails for added protection and stability of the user.

- > High 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 Step Ladder (ST500)

Alto Step Bridge (ST500)

## Specification Summary

Supply and install the proprietary Alto Step Ladder Access Systems as per manufacturer, Sayfa Systems, recommendations. Alto Step Ladders to be of high grade aluminium construction incorporating profiled step design with spacing between ladder stiles not less than 560mm. Ladder stiles to extend 1000mm above landing platform and incorporate a grabrail on both stiles for safety of the user. (Refer instruction manual.)

## System Applications

- > Ideally suited as a permanent ladder system to access elevated areas
- > Access to roofs for maintenance requirements
- > Safe access between varying roof levels
- > Safe access into ceiling spaces and onto machinery platforms for plant and equipment maintenance

## Technical Data

### Material

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

### Dimensions

Maximum height – 6.0m  
 Overall ladder width – 650mm  
 Distance between stiles – 560mm  
 Step size – 600mm (L) x 100mm (W) x 38mm (H)  
 Step spacing – 300mm  
 Stile extension above landing surface – 1000mm  
 Minimum clearance behind ladder – 150mm  
 Minimum distance between rest platforms – 6.0m  
 Angle of slope – 65°

### Fixings

Timber fixing – 14g type 17 Tek screw  
 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 – 8mm construction grade Bulbrite rivet or M8 through bolt set  
 (Refer instruction manual.)

### Working Load Limit

- > Recommended for single person use – 150kg rated
- > Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation

## Compliance

Alto Step Ladder Access 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

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*Designed and manufactured by Sayfa Systems  
 20.04.2011*