



PERMANENT ACCESS LADDER SYSTEM SPECIFICATIONS

The MonkeyToe® Permanent Access Ladder System provides safe and easy access to elevated areas such as roof tops, ceiling spaces and maintenance platforms.

The MonkeyToe® Ladder's precision and unique profile design ensures a high level of safety and confidence for maintenance personnel. A proprietary fall protection system is recommended for safety of the user by incorporating an enclosed cage or a ladder fall arrest system depending on ladder height and application.

Specification Summary

Supply and install the proprietary MonkeyToe® Ladder System as per Supplier, MonkeyToe Systems Ltd recommendations. MonkeyToe® Ladder System to be of high grade aluminium construction incorporating a profiled rung design with spacing between ladder stiles not less than 525mm. Ladder stiles to extend 1000mm or more above landing surface and incorporate a safety gate and 2.0m lead on guardrail system ensuring the safety of the operator. Fall protection must be incorporated by means of an enclosed cage or ladder fall arrest system. (Refer instruction manual.)

System Applications

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



✓ FEATURES

- Prefabricated modular componentry ensures easy on site assembly – no welding required
- Lightweight, high strength aluminium construction
- Increased safe working load of 150kg – industrial rated
- Unique rung profile design makes ladder comfortable and easy to use
- Low maintenance and neat appearance
- Suits many varied applications and locations

🔧 TECHNICAL DATA

All componentry manufactured from Marine grade high tensile aluminium and includes stainless steel fixings.

DIMENSIONS

Overall ladder width: 605mm
Distance between stiles: 525mm
Rung diameter: 50 x 35mm (profiled)
Rung spacing: 300mm
Stile extension above landing surface: 1000mm to 1300mm
Minimum clearance behind ladder: 200mm (vertical position)
Minimum distance between rest platforms: 6.0m

MATERIAL

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

WEIGHT

Rung sections: 2.9kg/m (excludes fixing brackets and fixings) Cage sections – 8.3 kg/m

WORKING LOAD LIMIT

Recommended for single person use: 150kg rated.

- Industrial rated, suited to high frequency usage
- Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation

FIXINGS

Metal fixing: M8 bolt set

Concrete fixing: M8 mechanical concrete anchor

Metal purlin fixing: M8 toggle bolt

Composite panel fixing: M8 bolt set

TESTING

Testing and performance based on requirements of New Zealand / Australian Standards AS1657:1992 and AS/NZS1891.4:2009.

- Dynamic load tested for ladders fitted with vertical mounted static line system – 1.2kN
- Stress load tested – 1.8kN applied at 75°

COMPLIANCE

MonkeyToe® Ladder System is designed and manufactured generally in accordance with requirements of Australian Standard AS1657:1992 and relevant statutory OHS Codes of Practice/Guidelines.

INSPECTION AND MAINTENANCE

Visual inspection for any damage or loose fixings must be done periodically and prior to use.

No certified maintenance is required. Basic wear and tear preventative maintenance is recommended. MonkeyToe® Ladders fitted with an Vertical Line Fall Arrest System to be inspected and certified every 12 months by a competent person in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS1891.4:2009 Section (9). (Refer instruction manual.)

WARRANTY

MonkeyToe products carry a full warranty of **10 years** from date of installation. This is against faulty or defective workmanship and materials used in the construction.
 *Conditions apply – refer to Warranty Terms & Conditions document.

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.