

BPIR DECLARATION

Version 1.0 December 2023



COMPANY DETAILS

Name: Monkeytoe Ltd
Role: Manufacturer & Supplier
NZBN: 9429033967882
Address: 45 Mawhitiwhiti Rd, Normanby 4614, Taranaki, NZ
Website: <https://www.monkeytoe.co.nz/>
Email: sales@monkeytoegroup.com
Phone: 0800 454 808

PRODUCT DETAILS

Building Product Class	1
Product name/line	Ladders
Product Identifier	Non-caged ladder, Caged Ladder
Place Of Manufacture	Australia- Ladder Body; NZ- fittings and cages

PRODUCT DESCRIPTION

Permanent access ladder system that provides safe and easy access to elevated areas with or without ladder stiles to extend 1000mm or more above landing surface.

SCOPE OF USE

- Rooftop access
- Plant maintenance platforms
- Ceiling spaces
- Industrial tank access
- Hospitals, office blocks, sports center

CONDITIONS OF USE

- 70-90 degrees
- Non-caged up to 6m
- Caged up to 9m
- Support brackets at max 2400mm
- 200mm min from wall – 940mm max
- Supports at max 2400mm centers
- Supports to be Metal, Timber, Concrete, Purlins
- 300mm Rung center spacing
- Landings required every 9000mm,
- Must be installed by an approved installer and maintained as per Monkeytoe product guides, warranty and maintenance documentation.

ASSOCIATED PRODUCTS

Roof Clips

Skywalk Systems

Smartwalk Systems

RELEVANT BUILDING CODE CLAUSES

B1 Structure: 3.1, 3.2, 3.3f, h, m, 3.4a, b, c, d, e

B2 Durability: 3.1b, c, 3.2a, b

D1 Access Routes: 3.1b, c, 3.3a, b, c, d, f, g, i, j, k, l, m

F2 Hazardous building materials:

CONTRIBUTIONS TO COMPLIANCE

- B1: Designed to the following Standards:
 - AS/NZS1170.1-2002
 - AS/NZS 1170.2-2021
 - AS/NZS 1170.5-2004
 - AS/NZS1664.1-1997
 - AS/NZS1665-2004

BPIR DECLARATION

Version 1.0 December 2023



- B1: Manufactured to the following standards:
 - AS/NZS 1886- 1997
 - AS1665-2004
- D1: Monkeytoe Ladders are designed and tested against AS 1657:2013 which is an acceptable solution as per D1 11.0.1 D1/AS1 Amendment 6, 2017.
- B2: Monkeytoe products have a proof of durability as per B2/VM1 with testing and in-service history and similar materials. For more information see the document B2 DURABILITY FOR EXTERNAL ALUMINUM STRUCTURES ON BUILDINGS.
- F2: This product contains no hazardous materials

SUPPORTING DOCUMENTATION

The following documentation supports the above statements:

Title (Type)	Version, Date	Date
B2 DURABILITY FOR EXTERNAL ALUMINUM STRUCTURES ON BUILDINGS	2.1	17/11/2023
2003-PS1-B-1-15/12/2017	1	29/11/2019
Ladder – Install Guide	2004-LAD-I-01	4/10/2021
Non-Caged Ladder – Spec Sheet		14/12/2021
Caged Ladder – Spec Sheet		14/12/2021

Contact Customer Service sales@monkeytoegroup.com or 0800 454 808 for a copy of the above documents

FOR FURTHER INFORMATION

For all design, installation and maintenance related information please refer to: www.monkeytoe.co.nz.

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct. I can also confirm that Monkeytoe Ltd products are not subject to a ban under s26 of the Building Act.

Signed for and on behalf of [Monkeytoe Ltd](#):

Jamieson Prestidge

Job Role: Technical Consultant

Date 20/11/2023

Jamieson Prestidge

APPENDIX

Building code performance clauses

All relevant building code performance clauses listed in this document:

B1 Structure

B1.3.1

Buildings, building elements and sitework shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during construction or alteration and throughout their lives.

B1.3.2

Buildings, building elements and sitework shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during construction or alteration when the building is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of buildings, building elements and sitework, including:

- (f) earthquake,
- (h) wind,
- (m) differential movement,

B1.3.4

Due allowance shall be made for:

- (a) the consequences of failure,
- (b) the intended use of the building,
- (c) effects of uncertainties resulting from construction activities, or the sequence in which construction activities occur,
- (d) variation in the properties of materials and the characteristics of the site, and
- (e) accuracy limitations inherent in the methods used to predict the stability of buildings.

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

- (b) 15 years if:

- (i) those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or
 - (ii) failure of those building elements to comply with the building code would go undetected during normal use of the building but would be easily detected during normal maintenance.
- (c) 5 years if:
- (i) the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and
 - (ii) failure of those building elements to comply with the building code would be easily detected during normal use of the building.

B2.3.2

Individual *building elements* which are components of a *building system* and are difficult to access or replace must either:

- (a) all have the same durability, or
- (b) be installed in a manner that permits the replacement of *building elements* of lesser durability without removing *building elements* that have greater durability and are not specifically designed for removal and replacement.

D1 Access Routes

D1.3.1

Access routes shall enable people to:

- (b) enter buildings
- (c) move into spaces within buildings by such means as corridors, doors, stairs, ramps and lifts,

D1.3.3

Access routes shall:

- (a) have adequate activity space,
- (b) be free from dangerous obstructions and from any projections likely to cause an obstruction,
- (c) have a safe cross fall, and safe slope in the direction of travel,
- (d) have adequate slip-resistant walking surfaces under all conditions of normal use,
- (f) have stair treads, and ladder treads or rungs which:
 - (i) provide adequate footing, and
 - (ii) have uniform rise within each flight and for consecutive flights,
- (g) have stair treads with a leading edge that can be easily seen,
- (i) not contain isolated steps,
- (j) have smooth, reachable and graspable handrails to provide support and to assist with movement along a stair or ladder,
- (k) have handrails of adequate strength and rigidity as required by Clause B1 Structure,
- (l) have landings of appropriate dimensions and at appropriate intervals along a stair or ramp to prevent undue fatigue,
- (m) have landings of appropriate dimensions where a door opens from or onto a stair, ramp or ladder so that the door does not create a hazard, and

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.