

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 | Monkeytoe Duct Supports |
| Product Identifier | Monkeytoe Duct Supports |

PRODUCT DESCRIPTION

Adjustable roof-mounted duct support system ensuring the correct installation of ducting, fans, cable-trays, and other lightweight equipment on the roof.

SCOPE OF USE

- Suited as a support structure for HVAC ducting above roofs and at ground level.
- Supports for fans and flues and other lightweight equipment.
- Supports for cable trays, pipes and other services.
- Support for equipment up to 250kg.

CONDITIONS OF USE

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- Up to 2000mm high (Roof mounted)
- Up to 2500mm high (Ground Mounted)
- Equipment greater than 250kg
- Depends on the height of the duct support required and the wind loadings in the area, that then determines the maximum spacing between each individual duct support.
- To be designed and installed within parameters stated in PS1xxxx

Must be installed by an approved installer and maintained as per Monkeytoe product guides, warranty and maintenance documentation.

ASSOCIATED PRODUCTS

Roof Clips

RELEVANT BUILDING CODE CLAUSES

B1 Structure: 3.1-3.4

B2 Durability: 3.1b

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
- B1: Manufactured to the following standards:
 - AS/NZS 1886- 1997
- 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

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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 |
| PS1 for Standard Duct Supports | 1 | 08/07/2022 |
| Duct Support System Spec Sheet | | 18/06/2018 |
| Duct Support Install Guide | 2004-DUCT-I-01 | 11/09/2019 |

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:

- (a) self-weight,
- (b) imposed gravity loads arising from use,
- (c) temperature,
- (d) earth pressure,
- (e) water and other liquids,
- (f) earthquake,
- (g) snow,
- (h) wind,
- (i) fire,
- (j) impact,
- (k) explosion,
- (l) reversing or fluctuating effects,
- (m) differential movement,
- (n) vegetation,
- (o) adverse effects due to insufficient separation from other buildings,
- (p) influence of equipment, services, non-structural elements and contents,
- (q) time dependent effects including creep and shrinkage, and
- (r) removal of support.

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.

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.

