

ECKO LOOSE NAILS (EXTERIOR)

BPIR DECLARATION

Version 1.1 November 2023



DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

ECKO Fastening Systems Limited (ECKO Fastenings) has provided this declaration to satisfy the provisions of the Building (Building Product Information Requirements) Regulations 2022.

COMPANY DETAILS

Name	ECKO Fastening Systems Limited
Role	Supplier
NZBN	9429031498531
Address	17 Carpenter Road, East Tamaki, Auckland 2013
Website	www.ecko.co.nz
Email	info@ecko.co.nz

DESCRIPTION OF BUILDING PRODUCT

ECKO Fastening supplies a full range of loose nails for use in exterior applications; sheltered and exposed, structural and non-structural, smooth and annular grooved, and with different heads.

ECKO exterior application nails are summarised as follows:

Flat head	<ul style="list-style-type: none">smoothannular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanisedsilicon bronze
Jolt head	<ul style="list-style-type: none">smoothannular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanised
Bracket	<ul style="list-style-type: none">smoothannular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanised
Clout	<ul style="list-style-type: none">smooth	<ul style="list-style-type: none">hot-dipped galvanised
Underlay	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanised
Fibre cement	<ul style="list-style-type: none">smoothannular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanised
Decking	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">316 stainless steelhot-dipped galvanised
Fence paling	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">hot-dipped galvanised
Metal Tile Black	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">hot-dipped galvanised
Panel pin	<ul style="list-style-type: none">smooth	<ul style="list-style-type: none">316 stainless steelelectro-galvanised
Clinch	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">316 stainless steel
Rose Head	<ul style="list-style-type: none">annular groove	<ul style="list-style-type: none">316 stainless steelsilicon bronze

For more specific information in respect of nail options and applications relating to ECKO Fastening loose nails refer to [ECKO Loose Nails Brochure](#).

ECKO FASTENING SYSTEMS LIMITED

17 CARPENTER ROAD, EAST TAMAKI, AUCKLAND 2013

www.ecko.co.nz

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CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

ECKO Fastening loose nails (exterior) comply with the following building code clauses.

Evidence	
B1 (Structure)	ECKO nails are manufactured from
B1.3.1, B1.3.2	<ul style="list-style-type: none">• steel wire and are then galvanised, or
B1.3.3 (a, f, h, i, j, m, q)	<ul style="list-style-type: none">• 316 stainless steel, or
B2 (Durability)	<ul style="list-style-type: none">• Silicon bronze.
B2.3.1 (a, b)	
F2 (Hazardous Building Materials)	Section 4, NZS3604:2011, table 4.1, defines the protection requirements for structural steel fixings where a durability of no less than 50 years is required.
F2.3.1	In all zones Table 4.1 requires a minimum of <ul style="list-style-type: none">• hot-dipped galvanised in sheltered environments, and• 304 stainless steel in exposed environments
	Silicon Bronze is established as a material with at least the equivalent durability of 304 stainless steel. Refer BRANZ Bulletin 118 .
	In respect of panel pins section 4, NZS3604:2011, table 4.1, allows non-galvanised, mild steel in all zones where used in closed environments. Electro-galvanised exceeds this requirement.

FOR FURTHER INFORMATION

ECKO Fastening loose nails must be used in accordance with all information supplied by ECKO Fastening Systems Limited.

For supporting information refer to www.ecko.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 the ECKO Fastenings Staples referred to in this statement is not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf **ECKO Fastening Systems Ltd:**

Darren Liu

Darren Liu
DIRECTOR

November 2023