Coach Screw
BPIR Declaration

Version: v1

Designated building product: Class 1

Declaration

GFC Fasteners has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Coach Screw
Line	Timber Screws
Identifier	R02E12100 (12 = diameter; 100 length)

Description

A Coach Screw is a heavy duty screw which has a hexagonal head and an externally threaded cylindrical shaft that tapers to a point at the tip.

Scope of use

Coach screws intended uses are primarily for holding together heavy timber, fixing metal to timber

Conditions of use

22 Olive Road, Penrose, Auckland 1061 I PO Box 11148, Ellerslie, Auckland 1542

The responsibility for choosing the correct size/diameter and finish of the product, as well as applying the appropriate torque during installation in accordance with the application's requirements, rests with the user.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (b, d, e, f, g, h, j, q), B1.3.4

B2 Durability — B2.3.1 (a)

F2 Hazardous building materials — F2.3.1

Contributions to compliance

p. The dimensions and mechanical properties are based on international standard AS1393-4.6.

Supporting documentation

The following additional documentation supports the above statements:

Coach Screws	v1	https://www.gfcfix.co.nz

For further information supporting Coach Screw claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Manufacturer overseas

22 Olive Road, Penrose, Auckland 1061 I PO Box 11148, Ellerslie, Auckland 1542

Legal and trading name of importer	GFC Fasteners
Importer address for service	22 OLIVE ROAD, Penrose 1061
Importer website	www.gfcfast.co.nz
Importer NZBN	9429049146653
Importer email	david@gfcfast.co.nz
Importer phone number	021461618

Responsible person

As the responsible person as set out in Regulation 3, 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 Coach Screw is not subject to a warning on ban under s26 of the Building Act.

Signed for and on behalf of **GFC Fasteners:**

David Friery

Product Manager
December 2023

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Appendix

BPIR Ready selections

Category: Fixings and fasteners

Building code performance clauses

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:

- (b) imposed gravity loads arising from use
- (d) earth pressure
- (e) water and other liquids
- (f) earthquake
- (g) snow
- (h) wind
- (j) impact
- (q) time dependent effects including creep and shrinkage

B1.3.4

Due allowances shall be made for:

a. the consequences of failure,
b. the intended use of the *building*,

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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:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance 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.