



BPIR Declaration

Zinc and Galvanized Welded Baseplates

Version: 1 - 2023

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Declaration

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

Product Information:

Name	Zinc and Galvanized Base Plates
Range	Base plates to secure clamps and pipes.
Code	BP10, BP10A, BP10B, BP10BA, BP10C, BP10/12, BP10/12A, BP10/12B, BP10/12BA, BP10/12C, GHBP8W, GHBP10W, GHBP12W, MRG-BP10, MRG-BP12, MRG-BP10/M, MRG-BP12/M, MRZ-BP10/M, MRZ-BP12/M, THBP25, THBP40, THBP40A

Designated Class:

Class 1

Description:

Base plates are manufactured from grade Q235B steel (GB/T 3274-2017) with either a Zinc or galvanized finish suitable for use in low - medium environmental conditions (please see scope or RSL installation guide and conditions of use for further information).

Base plates come in a range of thicknesses (2.5 - 6.0mm) and sizes to accommodate low to high yields. These ranges are welded with M8, M10, M12 or M10/12 combo bosses (please see spec sheets for more information).

Scope of Use:

Base plates are designed to be used within a potable water or foul water system and are sized accordingly. Suitable for use in residential and commercial applications.

For more information on specifications and yield loads please refer to spec sheets.

Conditions of Use:

Must be installed in accordance to NZBC standards and RSL installation guide.

Relevant Building Code Clauses:

B2 Durability - B2.3.1 (b)

F2 Hazardous building materials - F2.3.1

G10 Piped services - G10.3.1

G12 Water Supplies - G12.3.2, G12.3.7

Contributions to Compliance:

B2.3.1 (b): Base plates have a life expectancy of at least 15+ years provided correct application and installation is followed. Please refer to data sheets, installation guides or scope for more information.

F2.3.1: Base plates are safe when handled. There are no additional requirements for these products.

G10.3.1, G12.3.2, G12.3.7, G13.3.1 & G13.3.2: Base plates are designed to be used within systems complying to AS/NZS 3500 standards.

Supporting Documentation:

Supporting documentation can be made available upon request if not already available on www.simplefix.co.nz. This may include installation guides, producer statements, PS1 documentation, load ratings, mill certificates, or any other supporting information.

Company Details:

Manufactured on behalf and to the specification of Ray Staiger Limited in China.

Contact details:

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Websites:

www.simplefix.co.nz
www.toggler.co.nz

NZBN: 9429038913860

Responsibility:

To the best of the company's knowledge all information supplied in this declaration is based upon documentation and information supplied to RSL from genuine sources and is correct.

Welded Baseplates are not subject to a warning or ban under [s26 of the Building Act](#).

Building Code Performance Clauses:

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: 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 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.

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.

G10 Piped services

G10.3.1

Piping systems shall be constructed to avoid the likelihood of:

- a. significant leakage or damage during normal or reasonably foreseeable abnormal conditions,
- b. detrimental contamination of the contents by other substances,
- c. adverse interaction between services, or between piping and electrical systems, and
- d. people having contact with pipes which could cause them harm.

G12 Water Supplies

G12.3.2

A potable *water supply system* must be-

- a. protected from contamination; and
- b. installed in a manner that avoids the likelihood of contamination within the system and the water main; and
- c. installed using components that will not contaminate the water.

G12.3.7

Water supply systems must be installed in a manner that

- a. pipes water to *sanitary fixtures* and *sanitary appliances* at flow rates that are *adequate* for the correct functioning of those *fixtures* and *appliances* under normal conditions; and
- b. avoids the likelihood of leakage; and
- c. allows reasonable access to components likely to need maintenance; and
- d. allows the system and any backflow prevention devices to be isolated for testing and maintenance.