



BPIR Declaration

Yoked and Un-Yoked Medium Duty Clamps

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	Yoked and un-yoked medium duty clamps.
Range	Galvanized pipe hangers with yoked and rubber lined options.
Code	RSL16-..., RSL16-.../RL, RSL18-..., RSL18-.../RL

Designated Class:

Class 1

Description:

RSL16 & RSL18 pipe clamps are manufactured from grade Q235B steel (GB/T 3274-2017) with a galvanized finish appropriate for general outdoor use (please see scope and conditions of use for further information).

Clamps are 40mm wide x 6mm thick to suit pipe from 60-315mm outer diameter.

All clamps in this range can be rubber-lined with either 3 or 5mm EPDM rubber for use with expected temperatures from -20C to 100C or as an inert barrier when there is a risk of galvanic corrosion between pipe and clamp.

Scope of Use:

RSL16 & RSL18 pipe clamps are designed to be used with a range of pipe and are sized accordingly. Suitable for use in residential and commercial applications.

These clamps are galvanized for indoor or outdoor use in low-medium environmental conditions (please see installation guide for an indication of which material is recommended in your area).

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): RSL16 & RSL18 pipe clamps 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: RSL16 & RSL18 pipe clamps 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: RSL16 & RSL18 pipe clamps 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:

Ray Staiger Limited

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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.

Medium Duty Clamps 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.