

Restaint Kits

BPIR Declaration

Version: V3

Designated building product: Class 1

Declaration

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

Product/system

Name	Spartan Galvanised Restraint Kit, Spartan Stainless Steel Restraint Kit
Line	
Identifier	Product Code - GSR, GSR3, SSR, SSR3

Description

Designed for securing hot water cylinders in earthquake zones. Featuring strong, corrosion-resistant materials, this kit offers essential support to prevent cylinder movement. Suitable for both residential and commercial installations, the kit includes all necessary mounting hardware, and is engineered to meet New Zealand's seismic standards, making it a reliable choice for safety-conscious installations.

Scope of use

- New Residential and commercial projects
- New Single and Multi-Level projects
- New Cylinder Installations and Replacement of Existing Cylinders

Conditions of use

Galvanised Restraint Kits are not suitable for outdoor use.

Stainless Restraint kits are suitable for outdoor use.

Product must be installed as per the instructions supplied.

Relevant building code clauses

NZBC B1 - Structure 1.3.1, 1.3.2, 1.3.3, 1.3.4

NZBC B2 - Durability 3.1.1

G12 Water Supplies – 6.1.1, 6.11.4

Contributions to compliance

NZBC B1 - Structure - The Spartan GSR and SSR Kit's have been independently tested by a registered Engineer.

NZBC B2 - Durability 3.1.1 - The Spartan GSR and SSR Kit's is made out of Galvanised and Stainless Steel material compliant to requirements of B2.

The Galvanised GSR is required to be kept dry at all times.

G12 Water Supplies – 6.11.4 The Spartan GSR and SSR Kit's is 1mm thick strapping to allow for compliance to NZBC G12 Figure 4.

Strap requirements as per NZBC G12/AS1

Supporting documentation

Additional documentation supporting the above statements are available on request from Aqualine Trading Limited.

Contact details

Manufacture location	China
Legal and trading name of Importer	Aqualine Trading Limited
Importer website	Cylinder Trays - Aqualine NZ
Importer email	orders@aqualine.co.nz
Importer phone number	0800 88 99 14

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 Cylinder Quick is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Aqualine Trading Limited**:



Jeff La Haye
Managing Director
November 2024

AQUALINE TRADING LIMITED

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:

- (j) impact

B1.3.4

Due allowances 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

3.1.1 NZBC clause B2.3.1 refers to minimum durability requirements for building elements. Timber used for structural purposes is required to be durable in-service for the life of the building, being not less than 50 years unless the building has a specified intended life

G12 Water Supplies

6.1.1 Water heaters shall comply with Table 5.

6.11.4 Structural Support NZBC