

Spartan Brass

BPIR Declaration

Version: V1

Designated building product: Class 1

Declaration

Aqualine Trading Limited 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 Brass
Line	DZR Brass fittings
Identifier	Spartan

Description

- Spartan brass fittings are designed and manufactured to comply with material grade as specified in AS/NZS1567, and to fit copper tubing complying with NZS 3501 tubing sizing.
- Available in 15mm-50mm BSP thread sizes
- Fittings are made from Certified DR brass.
- Suitable for connection by means of compression fittings, crox fittings or by brazing.



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- Sealing thread fittings
- Crox fittings
- Compression fittings

Scope of use

- Hygienic operation: does not give off any taste or smell or add any harmful substances
- Not affected if installed in certain building materials such as concrete, lime mortar, gypsum, etc.
- Underground pipes easily found by metal detectors
- Residential and commercial applications
- Expected life span more than 50 years

Conditions of use

- Be installed according to general trade practices, using appropriate trade workmanship and according to the local building code(s)
- Remain in their originally installed location
- Be applied for authorised applications and within authorised temperature and pressure limits
- Show no evidence of tampering, mishandling, neglect, accidental damage, modification, or repair without the approval of Aqualine, damage caused by Acts of God or anyone other than Aqualine



Relevant building code clauses

B2 Durability – B2.3.1 (a)
F2 Hazardous building materials – F2.3.1
G10 Piped services – G10.3.1
G12 Water Supplies – G12.3.2, G12.3.7
H1 Energy efficiency – H1.3.3

Contributions to compliance

Spartan brass fittings are designed and manufactured to comply with material grade as specified in AS/NZS1567, and to fit copper tubing complying with NZS 3501 tubing sizing.

Supporting documentation

The following additional documentation supports the above statements:

Spartan Brass Technical Statement - Water (Certification, Design, Installation, Maintenance, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
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For further information supporting Spartan Brass claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	
Legal and trading name of importer	Aqualine Trading Limited
Importer address for service	7 Winston Place



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	Auckland 0654
Importer website	www.aqualine.co.nz
Importer NZBN	9429051344122
Importer email	
Importer phone number	098372725

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 Spartan Brass is not subject to a warning or ban under [s26 of the Building Act](#).

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

Jeff La Haye
Managing Director
November 2023

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Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

BPIR Ready selections

Category: Potable water conveying systems

	Yes	No
Intended for hot water transmission	x	
Capable of being permanently concealed	x	

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:

- (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.

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.

H1 Energy efficiency

H1.3.3

Account must be taken of physical conditions likely to affect energy performance of buildings, including

- a. the thermal mass of *building elements*; and
- b. the building orientation and shape; and
- c. the airtightness of the building envelope; and
- d. the heat gains from services, processes and occupants; and
- e. the local climate; and
- f. heat gains from solar radiation.