



Copper Tube 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	Copper Tube
Line	
Identifier	Forza

Description

- Seamless Copper Tube suitable for use in refrigeration, plumbing & air conditioning.
- Available as 'Hard Drawn' straight lengths,(BQ) 'Bendable Quality's' straight lengths
- NZS3501 Copper Tube 15mm-100mm
- AS1432 Copper Tube 15mm-100mm



Scope of use

Approved Applications and operating parameters

- Potable Water
- Chilled Water
- Hydronic Heating
- Vacuum
- Non-Medical Gases
- Fire Services
- Low Pressure Steam

Conditions of use

Designed in accordance with our design manuals

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

- NZ3501 Compliant
- AS1432 Compliant
- Watermark Incense/certificate and is compliant to AS/NZS 4020:2005

Supporting documentation

The following additional documentation supports the above statements:

Copper tube Warranty (Warranty)

Version 1

<https://aqualine.co.nz/pages/downloads>

For further information supporting Copper Tube claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Hailiang Copper Australia Pty Ltd
Legal and trading name of importer	Aqualine Trading Limited
Importer address for service	7 Winston Place Auckland 0654
Importer website	www.aqualine.co.nz
Importer NZBN	9429051344122
Importer email	orders@aqualine.co.nz



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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 Copper Tube 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 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	×	
Capable of being permanently concealed	×	

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



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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.