

Trentino Basin and Bath Taps

Product Disclosure Information Self-Assessment
Version: V1

Product Name	Trentino Basin and Bath Taps
Product Line	Trentino Tapware
Product Identifier	Basin Taps TR BAST (SKU 158384) Bath Taps TR BT15 (SKU 219650) TR BT20 (SKU 219651)

Product Description

Trentino Basin Taps and Bath Taps with 20mm inlet and Bath Taps with 15mm inlet. Separate taps for Hot and for Cold.

Relevant Building Code Clauses

B2 DURABILITY B2.3.1 (i) and (ii)

E3 INTERNAL MOISTURE E3.3.5

G12 WATER SUPPLIES G12.3.5, G12.3.7

G4 VENTILATION G4.3.3 (Referenced in maintenance requirements)

Contributions to Compliance

B2.3.1 Durability: Made from brass the Trentino Taps come with a 2 year warranty.** The colour finish is from chromium electroplating, which wears well over many years with simple maintenance. The Bath Taps incorporate a quality European Standard Mechanism.

E3 Internal Moisture: E3.3.5 The smooth surfaces of the chrome plated tapware are easy to wipe clean thereby minimising surface contamination.

G12 Water Supplies G12.3.5 These fixtures are intended so that 1 of a pair is to supply hot water and the other to supply cold water as required for utensil and personal washing.

G12.3.2 and 12.3.7 Each tap delivers sufficient flow for correct functioning under normal conditions. There is easy access to the components for maintenance if necessary.

WELS Rating

The WELS rating for the Trentino Basin taps is 0 Star Mains Pressure (50.0), 1 Star Low pressure. The Bath Taps are not covered under WELS.

Scope of Use

The Trentino Basin and Bath Taps are economic tapware intended for residential use. They are suitable for both hot and cold water use, and with mains or low pressure systems.

Conditions of Use

All the tapware is designed to operate under pressures above 35kPa and up to a maximum of 1000kPa. However, there are 2 things to consider. Firstly, consider that the pressure overnight increases while taps are not being used and can easily spike to well beyond 1000kPa without a pressure limiting device installed. And secondly, consider what the Building Code now requires, shown below.

Building Code Requirement - Pressure

It is now a requirement in the NZ Building Code that the minimum working pressure at any fixture is 30kPa and the maximum static pressure shall be no more than 500kPa.

Building Code Requirement - Temperature

Another Building Code requirement is that the temperature of water at personal hygiene fixtures in a home should not exceed 50°C. 45°C is the maximum in early childhood education and care centres, schools, old people's homes, institutions for people with psychiatric or physical disabilities and hospitals. (For licensing purposes for early childhood education and care centres, the Ministry of Education requires that the temperature of water delivered from taps that are accessible to children should not exceed 40°C.)

Maintenance Requirements

Chromium electroplated tapware is amongst the hardest of fixture coatings. However, to keep tapware looking good for longer, avoid using spray cleaners which over time can attack the chrome finish. Instead, wipe regularly using a mild detergent and a soft damp cloth. Then wipe dry with a clean cloth.

To prevent mould growth in the laundry or bathroom, and to increase the life of all the fixtures, install a fan which draws out moisture from the room. To ensure regular use of the fan, you could ask your electrician to link the light switch to the fan. (*This would fulfill obligations under the building code clause **G4.3.3** to remove moisture and pathogens in the air from laundering, showering and bathing.*)

Warnings and Bans

This product line is not subject to any warning or ban under section 26 of the Building Act 2004.

*** The warranties referred to in this document are residential warranties. Commercial warranties can be found as part of Aquatica's full warranty document available at www.aquatica.co.nz.*

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Building code performance clauses

All relevant building code performance clauses listed in this document:

B2 DURABILITY

B2.3.1 *Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for 5 years if (i) The *building elements* (including services, linings, renewable protective coatings, and *fixtures*) are easy to access and replace, and (ii) Failure of those building elements to comply with the building code would be easily detected during normal use of the building.

E3 INTERNAL MOISTURE

E3.3.5 Surfaces of *building elements* likely to be splashed or become contaminated in the course of the *intended use* of the *building* must be *impervious* and easily cleaned.

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.

G12.3.5 Sanitary fixtures and sanitary appliances must be provided with hot water when intended to be used for a) utensil washing; and b) personal washing, showering or bathing.

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.

G4 VENTILATION (*only with reference to Maintenance Requirements*)

G4.3.3 Buildings shall have a means of collecting or otherwise removing the following products from the spaces in which they are generated: **b)** [Moisture] from laundering, utensil washing, bathing and showering and **h)** bacteria viruses or other pathogens.