

CLASS 1

Building Product Information Sheet

Product name:

Underfloor Manifold (Watts)

Product line (the product line from which the product is customised):

Watts manifolds for radiant heating systems

Product description and its intended use (measurements, materials, usage):

Watts Underfloor heating manifold.

The manifolds are to be supplied as pre-assembled, chrome-plated, flanged 1" brass distribution manifolds for supply of water flow to the heating loops and similar for the returning water from the heating system via a return manifold

Product identifier (if applicable):

UFM04/06/08/10/12

Please of manufacturer: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Watts Industries Deutschland GmbH - Euro

Legal and trading name of the manufacturer(s):

Central Heating New Zealand Ltd

Address for service:

STREET NAME 52 Pilkington Way

SUBURB Wigram

CITY, COUNTRY Christchurch, New Zealand

POSTCODE 8042

Website:

<https://www.centralheating.co.nz/>

Email Address:

info@centralheating.co.nz

Phone No. (if applicable):

03 357 1233

NZBN (if applicable):

9429036621231



Relevant Building Code clauses:

Clause B2 DURABILITY:

Performance B2.3.1 (b) and (c)

Clause F2 HAZARDOUS BUILDING MATERIALS:

Performance F2.3.1.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a).

Statement on how the building product is expected to contribute to compliance:

Clause B2 DURABILITY:

Performance B2.3.1 (b) 15 years and B2.3.1 (c) 5 years. The Watts Underfloor heating manifold meets these requirements.

Clause F2 HAZARDOUS BUILDING MATERIALS:

Performance F2.3.1. The Watts Underfloor heating manifold meets this requirement and does not present a health hazard to people.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a). The Watts Underfloor heating manifold contributes to meeting this requirement when used in heating systems.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured.*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

- Please refer to the Watts Underfloor heating manifold [technical manual](#) and [product specification](#) supporting information provided on the Central Heating NZ website
- the Watts underfloor heating manifold is not suitable for use in a potable water supply
- The Watts Underfloor heating manifold must not be used where it will be subject to direct sunlight. Riser sections of pipe in heating systems must be covered from direct sunlight during installation and operation, or until the building is closed in.

Design requirements that would support the use of the building product:

Please refer to the Watts Underfloor heating manifold [technical manual](#) and [product specification](#) supporting information provided on the Central Heating NZ website.

The Watts Underfloor heating manifold is suitable for use in proprietary heating systems. These include embedded heating pipes in concrete slabs and circulation pipes for radiator type heating systems. These systems are to a specific design by the heating system proprietor.

The Watts Underfloor heating manifold must not be connected to auxiliary heaters such as solar collection panels or wet backs without the installation of temperature protection devices in the system. Without protection temperatures may exceed the operating limits. The Watts Underfloor heating manifold must not be installed within 1 metre of an inlet or outlet of these types of auxiliary heaters.

Building design must consider the requirement of building code clause H1 for heated floor systems.

Installation requirements:

Please refer to the Watts Underfloor heating manifold [technical manual](#) and [product specification](#) supporting information provided on the Central Heating NZ website.

As the Watts Underfloor heating manifold is not stainless steel it must not be used in environments that would be conducive to corrosion.

Ensure ¾" Eurocone Multitubo Composite or PE-RT pipe connectors are used when connecting the underfloor pipe to the manifold.

When filling the system, ensure the manufacturer's instructions for flushing and filling the underfloor pipe loops and manifold are adhered to using a suitable flushing cart.

It is necessary to ensure the system is checked annually confirming system pressure and addition of inhibitor.

The installation of the Watts Underfloor heating manifold system components must be carried out by a trained and qualified installer, familiar with the Watts Underfloor heating manifold system installation requirements.

Maintenance requirements:

Access for routine inspection, maintenance and replacement is required as part of building design.

During annual maintenance the service provider should perform a visual inspection for any possible leaks.

Is the building product/building product line subject to warning or ban under section 26:

Yes No

If yes, description of the warning or ban under section 26:

Date:

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