

Building Product Information Sheet

Product name:

VarioComp wall, ceiling, and floor piped water heating system.

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

VarioTherm heating systems

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

VarioComp uses water-filled pipes to carry warmth throughout the building. The Floor Heating System has a thin profile that can be laid over solid concrete or timber floors.

VarioComp sits on top of the concrete slab or timber structure and has additional insulation on the sides and bottom, which reduces heat loss and consequently raises efficiency.

ModuleCeiling and ModuleWall is an energy efficient cooling and heating system. As a flexible panel system, it is pre-assembled for installation in walls, ceilings, and pitched ceilings.

Product identifier (if applicable):

VT116 / VTPANEL / VTMPCC1/2 VTMPBP1/2 VTMPCV1/2 VTFILL / VTEIS / VTJOINT / VTDJOINT

Please of manufacturer: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Variotherm Heizsysteme GMBH

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:

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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 G5 INTERIOR ENVIRONMENT:

G5.2.1 (a), G5.2.2, G5.3.1, G5.3.2

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 VarioComp System is not installed behind or within structural elements.

Clause F2 HAZARDOUS BUILDING MATERIALS:

Performance F2.3.1. The VarioComp System meets this requirement and not present a health hazard to people.

Clause G5 INTERIOR ENVIRONMENT:

G5.2.1 (a), G5.2.2, G5.3.1, G5.3.2 The VarioComp System meets this requirement and can be used within buildings to achieve adequate temperatures in habitable spaces, bathrooms, and recreation rooms in retirement villages and childhood centres.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a). The VarioComp Piping System contributes to meeting this requirement when used in heating systems.

The VarioComp System is not installed behind or within structural elements.

The VarioComp System is installed within the thermal envelope.

ModuleWall and ModuleCeiling panel is non-flammable, A2.

tested to BS EN 13501: part 1- Fire classification of construction products and building elements.

ModulePanels are tested for fire protection safety according to EN 1363-1, EN 1364-1 and EN 1365-2 by the IBS Linz Institute for Fire Protection Technology and Safety Research. Test number: 10111710

- *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 VarioComp technical manuals and [product specification](#) supporting information provided on the Central Heating NZ website
- The VarioComp Piping System 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.
- VarioComp floor panels must have expansion joints every 11 linear meters or 80m².
- Consideration of 300mm battening for VarioComp [module wall](#) and ceiling panels.

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

Please refer to the VarioComp [technical manuals](#) and [product specification](#) supporting information provided on the Central Heating NZ website.

The VarioComp system is subject to site specific design by the heating system proprietor. Components other than the VarioComp products and fittings are outside the scope of this system.

Design must consider the requirement of building code clause H1 for heating installed on slabs or suspended timber floors

Installation requirements:

Please refer to the VarioComp [install manual](#), [install modular floor](#), [install tips](#), [install method guide](#) and [product specification](#) supporting information provided on the Central Heating NZ website.

Extensive product information available on website for:

- VarioComp Panel
- VarioComp Blank Panel
- Clamp Track
- Edge Insulation Strip
- Splitter (Emmeti brand)
- Press-fit Joiner
- Press-fit Elbow
- Polythene Membrane
- [ModuleWall](#)
- ModuleCeiling
- VarioComp Pipe Coil

Installation of VarioComp system components must be carried out by a trained and qualified installer, familiar with the VarioComp system installation requirements.

VarioComp system manuals and installation requirements must be available on site for reference during installation (either print or digital media).

Co-ordination between trades is essential.

A detailed as-built plan and site photos shall be provided upon the conclusion of installation showing location of all embedded/concealed components.

Maintenance requirements:

Access for [maintenance](#) and replacement is limited where installation is under flooring or plastered into walls

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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