



AQUALINE

Thermasmart Pipe Insulation 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	ThermaSmart-Pro Insulation
Line	
Identifier	Thermafex

Description

ThermaSmart Pro is a range of innovative ultra-flexible insulation foam for all HVAC and sanitary Plumbing applications.

Scope of use

Suitable for all HVAC and sanitary Plumbing applications including;

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- Commercial
- Residential
- Institutional Buildings
- Industrial

Conditions of use

Designed in accordance with our design manuals

Relevant building code clauses

B2 Durability – B2.3.1 (a)
E3 Internal moisture – E3.3.1
F2 Hazardous building materials – F2.3.1
G6 Airborne and impact sound – G6.3.1
H1 Energy efficiency – H1.3.1 (a), H1.3.2E

Contributions to compliance

Certified compliant to:

- ISO 14025
- EN 15807
- ISO 21930:2017



Supporting documentation

The following additional documentation supports the above statements:

ThermaSmart-PRO (Certification, Design, Installation, Maintenance, Test results, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
ISO90012015 Certificate 2022 (Certification)	Version 1	https://aqualine.co.nz/pages/downloads
DoP_ThermaSmartPRO_tubes_2 8.10.2022_EN (Certification, Test results)	Version 1	https://aqualine.co.nz/pages/downloads
ThermaSmart PRO Health performance (Certification, Design, Test results)		

For further information supporting ThermaSmart Pipe Insulation claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Thermafex
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



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Importer email

orders@aqualine.co.nz

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 Thermasmart Pipe Insulation 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

AQUALINE TRADING LIMITED

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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: Thermal insulation

	Yes	No
Use as part of an intertenancy / abutting occupancy wall system	x	
Use as part of an intertenancy / abutting occupancy floor system		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



E3 Internal moisture

E3.3.1

An *adequate* combination of *thermal resistance*, ventilation, and space temperature must be provided to all *habitable spaces*, bathrooms, laundries, and other spaces where moisture may be generated or may accumulate.

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.

G6 Airborne and impact sound

G6.3.1

The *Sound Transmission Class* of walls, floors and ceilings, shall be no less than 55.

H1 Energy efficiency

H1.3.1

The *building* envelope enclosing spaces where the temperature or humidity (or both) are modified must be constructed to

- (a) provide adequate thermal resistance

H1.3.2E

Buildings must be constructed to ensure that their building performance index does not exceed 1.55.