Mayer Pex-a
BPIR Declaration

Version: 1.0

Designated building product: Class 1

Declaration

Aquatherm NZ Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Mayer Pex-a
Line	
Identifier	

Description

The Mayer Pex-a system:

The Mayer pex plumbing system is a range of pipes and fittings used for conveying hot and cold potable water. the range included 16, 20 and 25mm. Mayer Pex pipes are available in a range of colours, red, black and lilac. with fittings that form a part of a hot and cold potable water system

Scope of use

Aquatherm Green Pipe Systems can be used in:

- For use on hot and cold potable water up to maximum 10 bar 70°C.
- Please refer to the Mayer PEX-a installation manuals for limitations and installation instructions.

Conditions of use

- Mayer Pex-a, is not intended for use in hot water ring mains or for external use unless protected from UV.
- Mayer Pex-a, must be installed by a suitably qualified person and in accordance with the installation instructions in the Mayer Pex-a technical manual.

Relevant building code clauses

B2	Durability	B2.3.1 (b)
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

Fittings - Approved to AS/NZS 2537.2:2011 - Watermark licence WMK26578 - Issued 11 March 2021
Pipe - Approved to AS/NZS 2492:2007 - Watermark Licence WM 74890

Supporting documentation

The following additional documentation supports the above statements:

Mayer Pex-a Technical manual	Edition 1, November 2021	https://mayerpex.co.nz/wp-content/themes/mayer-official/assets/Mayer%20PEX-a%20Product%20&%20Technical%20Manual.pdf
Mayer Pex-a Watermark certificate - Pex fittings	12 March 2021	https://mayerpex.co.nz/wp-content/uploads/2023/11/Certificate-WMK26578-20210312-PEX-Fittings.pdf
Mayer Pex-a Watermark Certificate - Pex Pipe	Version 1 Feb 2021	https://mayerpex.co.nz/wp-content/uploads/2023/12/WM-74890-AS2492-Certificate-Schedule.pdf

For further information supporting Mayer Pex-a claims refer to our website.

Contact Details

Manufacture location:	Overseas
Legal and trading name of manufacturer:	Ningbo fengda Metal Products Co., LTD
Legal and trading name of importer:	Aquatherm NZ Ltd
Importer address for service:	1/ 17 Airpark Drive Auckland 2022
Importer website:	www.mayerpex.co.nz
Importer NZBN:	9429037671273
Importer email:	andrew@aquatherm.co.nz
Importer phone number:	021421737

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 Mayer Pex-a is not subject to a warning on ban under s26 of the Building Act

Signed for and on behalf of Aquatherm NZ Ltd:

Name:	Andrew Sommerville
Position:	Managing Director
Month Year:	December 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	x	
Capable of being permanently concealed		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:

(b) 15 years if: those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.

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

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.