Aquatherm Flexi Pipe System

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1 Specification Details

Trade Sections: Plumbing
Description:
Keywords: Plumbing, aquatherm NZ, Flexi, pipe system, hot water, cold water, pipework, polyethylene pipe, potable water piping, water supply,

2 Clauses

2.1 Scope

Help Note:
For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/aquatherm.

2.1.1 Scope

Supply and install aquatherm Flexi Pipe System, complete with pipes, system components, fittings and accessories, as piped hot and cold potable water systems to the layout shown on the drawings. All aspects of this work shall be in strict accordance with aquatherm Flexi Pipe System technical literature and installation requirements and recommendations (check www.aquatherm.co.nz, or call 09 570 7204 for the latest editions), BRANZ Appraisal No.708, other relevant product manufacturers' recommendations, and with all relevant Standards, Regulations and Acts.

No substitutions are permitted for aquatherm Flexi Pipe System products.

2.2 Pipe

Help Note:
For full product descriptions, terminologies, applications and installation methodology for aquatherm Flexi Pipe, refer to aquatherm brochures available for download at www.aquatherm.co.nz, or contact aquathern on 09 570 7204 or email aquatherm at sales@aquatherm.co.nz

2.2.1 aquatherm Flexi RT Type 2 - 16mm dia.

16mm diameter aquatherm Flexi polyethylene - raised temperature (PE-RT) type 2, black coloured pipe. For Hot & Cold potable water pipework. To the layout shown on the drawings. Supported at maximum 600mm spacings with aquatherm Flexi proprietary pipe clips.
Includes aquatherm Flexi 16mm brass couplings, adaptors, junctions and bends, plastic pipe clips, H & C pipe indicators and other associated system accessories.

2.2.2 aquatherm Flexi RT Type 2 - 20mm dia.

20mm diameter aquatherm Flexi Pipe polyethylene - raised temperature (PE-RT) type 2, black coloured pipe. For Hot & Cold potable water pipework. To the layout shown on the drawings. Supported at maximum 700mm spacings with aquatherm Flexi proprietary pipe clips.

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Includes aquatherm Flexi 20mm brass couplings, adaptors, junctions and bends, plastic pipe clips, H & C pipe indicators and other associated system accessories.

2.3 Co-operation

2.3.1 Co-operation

Co-operate with other trades to ensure that all preliminary and preparatory works are completed to specification and as shown on the drawings prior to installation.

Coordinate with all trades to install aquatherm Flexi Pipe System hot and cold water system components and accessories to the required locations, routes and clearances shown on the drawings.

2.4 Workmanship

2.4.1 Workmanship

All aquatherm Flexi Pipe System installation shall be carried out by aquatherm certified trained installers, familiar with the specified products and installation techniques, under the direct supervision of a NZ certified Registered Plumber, in accordance with the requirements of NZBC G12/AS1 - in particular Section 7.

Store aquatherm Flexi components and accessories under cover on a flat surface in accordance with the manufacturer's recommendations. Keep products clean and dry, and protect from damage and contamination, and out of direct sunlight. Do not use damaged or defective products.
Handle aquatherm Flexi components and accessories in accordance with the manufacturer's recommendations.

Adequately protect all surrounding work surfaces during installation. Any damage to fittings or finished surfaces shall be made good by the appropriate trade at the Plumber's expense.

2.5 Installation

2.5.1 Installation

All aquatherm Flexi RT Type 2 hot & cold water pipework and accessories and other necessary fittings and fixtures shall be sized and installed in strict accordance with the manufacturer's requirements and relevant Standards and Acts, to the layout, details and schedules shown on the drawings.

All pipework installation requirements and techniques, including but not limited to; cutting, joining and support, shall be in accordance with aquatherm Flexi Pipe technical manual and as detailed or noted on the drawings. In-ground pipes shall be installed to AS/NZS 3500 requirements. All cutting, checking and boring of timber framing for pipework shall be in accordance with NZS 3604, holes shall be correctly sized to allow pipework to expand and contract. Pipework shall be installed and supported in such a manner as to eliminate hammer and flow noise.

Set-out pipework neatly, and firmly support with proprietary pipe clamps at the required spacings. Make allowance for all probable thermal movement and linear expansion to the pipework as