

Press gas system suitable for natural gas and LPG applications

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



KE KELIT confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

[BCS-1710118-CMNZ](#)

Technical Statement

Scope of use

Suitable for Natural Gas and LPG applications.

- Copper pipes must be protected from the impact of outer corrosion, such as sulphites, nitrites and ammonia. Insulating materials must be nitrate free (i.e. contain no more than 0.02% nitrate).
- Copper tube is not for installation below ground, unless installed in protective ducting.
- Fittings can only be used with copper pipes conforming to R250/290 of EN 1057:2006.
- Copper pipes should not be stored outside.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.2
- **Clause B2 Durability:** Performance B2.3.1(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause G10 Piped services:** Performance G10.3.1, G10.3.2, G10.3.3, G10.3.5, G10.3.6
- **Clause G11 Gas as an energy source:** Performance G11.3.1, G11.3.5

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark

[BCS-1710118-CMNZ](#)

Product Criteria

Design requirements

All designs and construction shall be within the requirements and the tables set out in the VSH XPress GAS Australasian Technical Specification Rev1 and in Limitation D - available from the manufacturer's web site www.kekelit.co.nz, including design velocities in accordance with the corresponding European standards referenced, and all other uses are outside the scope of this certificate

Installation requirements

Installation shall be performed by KE KELIT trained and approved installers, who shall be Registered Certifying Gasfitter or a Registered Licensed Gasfitter under the supervision of a Certifying Gasfitter.

Installation and maintenance - where applicable - of the VSH XPress GAS Fittings, shall be in accordance with the VSH XPress GAS Fittings Australasian Technical Specification and the VSH XPress GAS distributed by KE KELIT Technical Manual Revision 1.3

Installers are required to hold a KE KELIT Installation training card.

KE KELIT approved tools must only be used as outlined in the VSH XPress GAS Systems Training Handbook and the VSH XPress GAS distributed by KE KELIT NZ Technical Manual Revision 1.3.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)



Company Contact Details



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KE KELIT VSH XPress GAS - Copper

Product Technical Statement: 109201



Date last validated: **11 February 2019**



Date last updated: **11 February 2019**

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