

# Class 1

## Building Product Information Sheet

Productname (include the brand name):

PLASSON Series 1 Polpropylene (PP) Compression Fittings for Polyethylene pressure pipes

Other product names (variant, sub-variant, functional name, etc. if applicable)

Product identifier (if applicable):

PLASSON Series 1

*This could be a Global Trade Item Number (GTIN) or any other distinguishable part/model number or identifier*

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

Compliance: Manufactured in accordance with AS/NZS 4129 - Fittings for polyethylene (PE) pipes for pressure applications ( Watermark Licence number WCMS2016 and AMI 02018 )

Description: Metric series PP mechanical compression fitting in the size range 20mm – 63mm OD, manufactured from polypropylene, with internal elastomeric seal rings and integral mechanical restraint grip rings, intended for use with PE 80 or PE 100 pressure pipe complying to AS/NS 4130 Series 1 PLASSON Series 1 fittings are self supporting on the pipe under pressure, when correctly assembled, coloured grey with white caps, and intended for potable cold water applications underground, or potable cold water plumbing applications above ground complying with G12.

Applications: - Rider mains for urban potable water supply - Potable cold water plumbing - Household water connections from the main supply

Place of manufacture:  Aotearoa New Zealand  Overseas

Legal name of the manufacturer(s):

PLASSON, Maagan Michael, Israel

Trading name of the manufacturer(s):

New Zealand Business Number (NZBN):

Other Legal Entity Identifier (if available):

Address for service:

STREET NAME	N/A	SUBURB	Maagan Michael
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CITY, COUNTRY	D.N. Menashe, Israel	POSTCODE	3780500
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Website:

Email address:

Phone no. (if applicable):

Legal name of the importer (if applicable):

Trading name of the importer (if applicable):

New Zealand Business Number (NZBN):

Other Legal Entity Identifier (if available):

Address for service:

STREET NAME	6 Gabador Place	SUBURB	Mount Wellington
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CITY, COUNTRY	Auckland, New Zealand	POSTCODE	1060
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Website:

Email address:

Phone no. (if applicable):

Relevant Building Code clauses:

B2 Durability: Performance Clauses B 2.3.1 (a) (i), (ii) and (iii), (b) and (c)

G12 Water Supply AS 1 Table 1,  
G12 Water Supply AS1 2.1.2

G14 Industrial Liquid Waste VM 1 Table 3

Statement on how the building product is expected to contribute to compliance:

B2 Durability: Performance Clauses B 2.3.1 (a) (i), (ii) and (iii), (b) and (c)  
 Correctly designed and installed pressure systems using PLASSON Series 1 fittings will satisfy the performance requirements of both Clause B2.3.1 (a) (50 years - services which are difficult to access or replace) and Clause B2.3.1 (b) (15 years - services which are moderately difficult to access or replace).  
 Clauses (a) and (b) cover the majority of applications with the exception of pipes used above ground which satisfy the requirements of N.Z.B.C. Clause B 2.3 (c). (5 years – services which are easy to access and replace

G12 Water Supply AS 1 Table 1, - AS 1 Table 1 quotes AS / NZS 4129/2020

G12 Water Supply AS1 2.1.2 Quotes AS / NZS 4020

- PLASSON Series 1 fittings comply with AS / NZS 4129/2020, and AS / NZS 4020 ( Watermark Licence number WCMS2016 and AMI 02018 )

G14 Industrial Liquid Waste VM 1 Table 3 quotes AS / NZS 4129/2020- PLASSON Series 1 fittings comply with AS / NZS 4129/2020 ( Watermark Licence number WCMS2016 and AMI 02018 )

- *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:

Limitations: PLASSON Series 1 fittings should not be used:

- As a conductor for earthing electrical appliances
- All fire rated applications
- Any continuous services above 40Deg C internal or external temperature, or where specific provision for pressure derating has not been made
- any negative pressure (suction) condition without the use of pipe support sleeves within the fitting
- with glycol / ethylene glycol
- where the liquid in the pipe becomes solid (frozen)
- with compressed air, medical gas, or fuel gas.
- with automotive fuel or oil
- Without provision for fatigue design, to accommodate dynamic stresses where appropriate (in accordance with published PIPA guidelines)
- Where working pressure plus surge/cyclic pressure exceeds the nominated pressure performance rating of the fitting

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

Design Requirements requiring compliance to G12 and G14 support the use of PLASSON Series 1 fittings

Installation requirements *(also provide link to the product installation guide)*:

Design & Installation: PLASSON Series 1 fittings should be installed in accordance with the following Standards:

- General Installation: AS/NZS 2033, "Installation of Polyethylene pipe systems"
- Buried Structural Design: AS/NZS 2566 Part 1 and supplement 1. "Buried Flexible Pipelines - Structural Design"
- Detailed Installation and Site Pressure Testing: AS/NZS 2566 Part 2 "Installation"
- PLASSON published installation, jointing and testing Guidelines

Maintenance requirements *(also provide link to the product maintenance guide)*:

None in normal service

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes  No

If yes, description of the warning or ban under section 26:

Version:

Date:

DD	/	MM	/	YYYY
15	/	04	/	2026