



Class 1

Building Product Information Sheet

Product name:

Hansen True Fit Tank Fittings

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

Compliance: Manufactured in accordance with AS/NZS 4020:2018 - and independently certified

Hansen True Fit Tank Fittings

Description: Threaded mechanical fittings in the size range 15mm BSP - 100mm BSP, manufactured from glass fibre reinforced nylon, intended to provide a watertight inlet/ outlet to a water storage tank. Includes one LDPE sealing washer and one LDPE friction washer.

Hansen True Fit Tank Fittings are coloured black or white and intended for potable cold water pressure applications underground, and potable cold water pressure applications above ground complying with G12.

Suitable for non potable water applications.

Product identifier by each product code:

HTFFTB - Hansen Female Threaded Tank Fitting Black | HTFFB - Hansen Large (80 & 100) Female Threaded Tank Fitting Black | HTFFBS - Hansen Short Female Threaded Tank Fitting Black | HBNL - Hansen Female Threaded Tank Fitting Back Nut | HBN - Hansen Large (80 & 100) Female Threaded Tank Fitting Back Nut | HWL - Hansen Female Tank Fitting Black Rubber Washer | HWLR - Hansen Large (80 & 100) Female Tank Fitting Black Rubber Washer | HWLP - Hansen Female Tank Fitting Poly Washer Black | HTFB - Hansen Male Tank Fitting Black | HTFW - Hansen Male Tank Fitting White | HTFBS - Hansen Male Tank Fitting Short Black | HTFWS - Hansen Male Tank Fitting Short White | HTFBL - Hansen Male Tank Fitting Long Black | HTFWL - Hansen Male Tank Fitting Long White | HBN - Hansen Male Tank Fitting Back Nut Black | HBNW - Hansen Male Tank Fitting Back Nut White | HW - Hansen Male Tank Fitting Rubber Washer Black | HRWW - Hansen Male Tank Fitting Rubber Washer White | HWPB - Hansen Male Tank Fitting Poly Washer Black | PW - Hansen Male Tank Fitting Poly Washer White

Product identifier (if applicable):

Hansen True Fit Tank Fittings

Place of manufacture: ☒ Aotearoa New Zealand ☐ Overseas

Legal and trading name of the manufacturer(s):

Hansen Products (N.Z.) Limited

Address for service:

STREET NAME 16 Union East Street

SUBURB Port Whangarei

CITY, COUNTRY Whangarei, New Zealand

POSTCODE 0110

Website:

www.hansenproducts.co.nz

Email address:

orders@hansenproducts.com

Phone no. (if applicable):

09 430 4140

NZBN (if applicable):

9429039916716

Legal and trading name of the importer (if applicable):

Address for service:

| | |
|-------------|--------|
| STREET NAME | SUBURB |
|-------------|--------|

| | |
|---------------|----------|
| CITY, COUNTRY | POSTCODE |
|---------------|----------|

Website:

Email address:

Phone no. (if applicable):

NZBN (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 Hansen True Fit Tank 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 AS1 2.1.2 Quotes AS/NZS 4020
- Hansen True Fit Tank Fittings comply with AS/NZS 4020:2018

Compliant with AS/NZS 3500.1 Plumbing and Drainage Part 1 Water Services

- 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:

- All fire rated applications.
- Without adequate support to the threaded joints both in above ground and below ground applications.
- Any continuous services above 60 Deg C internal or external temperature, or where specific provision for pressure derating has not been made.
- With glycol / ethylene glycol.
- Where the liquid in the pipe becomes solid (frozen).
- With medical gas, or fuel gas.
- With automotive fuel or oil.
- To convey water that contains Chlorine or Chlorine derivatives, such as around a spa pool or swimming pool.
- Where maximum system pressure in all situations including startup, shutdown, pressure surging and water hammer events for True Fit Tank Fittings sizes 15mm to 50mm exceeds PN16 or 1600KPA, True Fit Tank Fittings sizes 80mm and 100mm exceeds PN10 or 1000KPA.

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

Hansen True Fit Tank Fittings comply with the design requirements of AS3500.1:2021. The method of compliance is via conformance to Appendix B "Demonstrating products and materials are fit for purpose" Section B3.

Installation requirements:

Design & Installation: Hansen True Fit Tank Fittings installed in accordance with

- Hansen published installation, guidelines

Maintenance requirements:

None required 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:

10b

Date:

1 | 0 | 1 | 0 | 2 | 3