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Acceptable Solution G13/AS2: Drainage

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Abbreviation

G13/AS2

Amendment

7

Version

Second Edition, Amendment 7

Valid to

31/10/2019

Valid from

30/11/2018

Information provider

Ministry of Business, Innovation and Employment

Information type

Acceptable Solution

Format

PDF

Cites

[This resource cites 18 documents \(show Citations\)](#)

Description

Acceptable Solution G13/AS2 provides a means of compliance with parts of Building Code Clause G13 Foul water, in particular below ground drainage. Clause G13 requires the safe disposal of foul water to prevent illness and the loss of amenity due to odour and accumulated matter.

Under this clause, buildings in which sanitary fixtures and sanitary appliances using water-borne waste disposal are installed must be provided with adequate plumbing and drainage to appropriate outfalls or system for storage/treatment. This safeguards people from infection or contamination of the water supply.

It sets out requirements for the construction of plumbing systems and protects against loss of amenity due to odour or accumulation of offensive matter from foul water disposal.

Scope

This Acceptable Solution is for below ground non-pressure (gravity flow) foul water drains having a diameter of no greater than 150 mm.

It does not apply to foul water drainage systems where it is necessary to dispose of industrial liquid wastes, chemical or toxic wastes and other wastes which cannot be discharged to a sewer without pre-treatment.

Previous versions:

- [G13/AS2 \(Second Edition, Amendment 6\)](#)
- [G13/AS2 \(Second Edition, Amendment 5\)](#)
- [G13/AS2 \(Second Edition, Amendment 4\)](#)
- [G13/AS2 \(Second Edition, Amendment 3\)](#)

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Amendment includes Alterations on:

- page 8 References
- page 33 G13/AS1 7.1.3
- page 50 G13/AS2 6.1.3
- page 51 G13/AS3 2.0.1

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- [G13/AS2 Amendment 6 Second Edition, Amendment 6](#)
- [G13/AS2 Amendment 5 Second Edition, Amendment 5](#)
- [G13/AS2 Amendment 4 Second Edition, Amendment 4](#)
- [G13/AS2 Amendment 3 Second Edition, Amendment 3](#)

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This resource cites:

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This document CITES:

New Zealand Standards

- [AS/NZS 1260:2009](#)

G13/AS2 cites AS/NZS 1260:2009 PVC-U Pipes and fittings for drain, waste and vent applications from 10/10/2011

- [AS/NZS 2032:2006](#)

G13/AS2 cites AS/NZS 2032:2006 Installation of PVC pipe systems from 30/09/2010

- [AS/NZS 2280:2014](#)

G13/AS2 cites AS/NZS 2280:2014 Ductile iron pipes and fittings from 01/01/2017

- [AS/NZS 2566.2:2002](#)

G13/AS2 cites AS/NZS 2566.2:2002 (R2016) Buried Flexible pipelines - Installation from 10/10/2011

- [AS/NZS 3500.2:2015](#)

G13/AS2 cites AS/NZS 3500.2:2015 Plumbing and drainage - Part 2: Sanitary plumbing and drainage from 01/01/2017 until 31/10/2019

- [AS/NZS 3518:2013](#)

G13/AS2 cites AS/NZS 3518:2013 Acrylonitrile butadiene styrene (ABS) compounds; pipes and fittings for pressure applications from 01/01/2017

- [AS/NZS 4058:2007](#)

G13/AS2 cites AS/NZS 4058:2007 Pre cast concrete pipes (pressure and non-pressure) from 30/09/2010

- [AS/NZS 4130:2009](#)

G13/AS2 cites AS/NZS 4130:2009 Polyethylene (PE) pipes for pressure applications from 30/09/2010

- [AS/NZS 5065:2005](#)

G13/AS2 cites AS/NZS 5065:2005 (R2016) Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications from 10/10/2011

- [NZS 3501:1976](#)

G13/AS2 cites NZS 3501:1976 Specification for copper tubes for water, gas, and sanitation from 01/10/2001

- [NZS 3604:2011](#)

G13/AS2 cites NZS 3604:2011 Timber-framed buildings from 14/02/2014

- [NZS 4229:2013](#)

G13/AS2 cites NZS 4229:2013 Concrete masonry buildings not requiring specific engineering design from 14/02/2014

- [NZS 4442:1988](#)

G13/AS2 cites NZS 4442:1988 Welded steel pipes and fittings for water, sewage and medium pressure gas from 01/10/2001

Australian Standards

- [AS 1579-2001](#)

G13/AS2 cites AS 1579-2001 (R2018) Arc welded steel pipes and fittings for water and waste water from 30/09/2010

- [AS 1646-2007](#)

G13/AS2 cites AS 1646-2007 (R2018) Elastomeric seals for waterworks purposes from 30/09/2010

- [AS 3571.1-2009](#)

G13/AS2 cites AS 3571.1-2009 Plastics piping systems - Glass-reinforced thermoplastics (GRP) systems based on unsaturated polyester (UP) resin. Part 1: Pressure and non-pressure drainage and sewerage (ISO 10467:2004 MOD) from 10/10/2011

- [AS 4139-2003](#)

G13/AS2 cites AS 4139-2003 (R2018) Fibre reinforced concrete pipes and fittings from 30/09/2010

Other

- [BS 437:2008](#)

G13/AS2 cites BS 437:2008 Specification for cast iron drain pipes and fittings and their joints for socketed and socketless systems from 01/10/2001

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