



Department of
Building and Housing
Te Tari Kaupapa Whare

Dear Customer

Please find enclosed Amendment 6, effective 10 October 2011, to the Compliance Document for Clause G1 Personal Hygiene of the New Zealand Building Code.

Section	Old G1	October 2011 Amendments to G1
Title pages	Remove title page and document history	Replace with new title page and document history
Code Clause G1	Remove page 3/4	Replace with new page 3/4
References	Remove page 7/8	Replace with new page 7/8
G1/AS1	Remove page 15/16	Replace with new page 15/16

Compliance Document for New Zealand Building Code Clause G1 Personal Hygiene – Second Edition

Prepared by the Department of Building and Housing

This Compliance Document is prepared by the Department of Building and Housing. The Department of Building and Housing is a Government Department established under the State Sector Act 1988.

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New Zealand Government

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Status of Compliance Documents

Compliance Documents are prepared by the Department of Building and Housing in accordance with section 22 of the Building Act 2004. A Compliance Document is for use in establishing compliance with the New Zealand Building Code.

A person who complies with a Compliance Document will be treated as having complied with the provisions of the Building Code to which the Compliance Document relates. However, a Compliance Document is only one method of complying with the Building Code. There may be alternative ways to comply.

Users should make themselves familiar with the preface to the New Zealand Building Code Handbook, which describes the status of Compliance Documents and explains alternative methods of achieving compliance.

Defined words (italicised in the text) and classified uses are explained in Clauses A1 and A2 of the Building Code and in the Definitions at the start of this Compliance Document.

G1: Document History			
	Date	Alterations	
First published	July 1992		
Amendment 1	September 1993	pp. 5 and 6, Table 1	pp. 15 and 16, Index
Amendment 2	19 August 1994	pp. i and ii, Document History p. v, Contents p. 3, 1.1, 1.1.1, 1.2, 1.2.1 p. 12, 4.0, 4.2.1, 4.2.2	p. 13, 4.4, 4.4.1, 4.4.2, 4.4.3, Figure 10, Table 4 p.14, Figure 11 pp. 15 and 16, Index
Reprinted incorporating Amendments 1 and 2	October 1994		
Amendment 3	1 December 1995	p. vi, References	
Second edition	1 December 2000	Document revised – second edition issued	
Amendment 4	1 July 2001	p. 2, Document History, Status p. 7, References p. 9, Definitions p. 18, Figures 5 and 6	p. 19, Figures 7 and 8 p. 20, 4.2.7 and Figure 9 p. 21, 6.3.1 and Figure 10
Amendment 5	23 June 2007	p. 2, Document History, Status p. 5, Contents p. 7, References p. 9, Definitions p. 13, 1.1.1, 1.1.2	p. 14, 1.1.3, 1.1.4, 1.1.5, 1.1.6, 1.1.7, 1.1.8 p. 20, 6.1.1, p. 21, Figure 10 pp. 23–24, 26–27, Table 1 p. 28, Table 3
Erratum 1	11 July 2007	p. 2, Document History, Status	p. 22, Table 1
Amendment 6	10 October 2011	p. 2, Document History, Status pp. 3–4, Code Clause G1 p. 7, References	p. 15, G1/AS1 2.3.4 p. 16, G1/AS1 2.6.1
Note: Page numbers relate to the document at the time of Amendment and may not match page numbers in current document.			

Document Status

The most recent version of this document, as detailed in the Document History, is approved by the Chief Executive of the Department of Building and Housing. It is effective from 10 October 2011 and supersedes all previous versions of this document.

People using this Compliance Document should check for amendments on a regular basis. The Department of Building and Housing may amend any part of any Compliance Document at any time. Up-to-date versions of Compliance Documents are available from www.dbh.govt.nz

New Zealand Building Code

Clause G1 Personal Hygiene

This Clause is extracted from the New Zealand Building Code contained in the First Schedule of the Building Regulations 1992.

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1992/150	<i>Building Regulations 1992</i>	53
FIRST SCHEDULE—continued		
Clause G1—PERSONAL HYGIENE		
Provisions	Limits on application	
OBJECTIVE		
G1.1 The objective of this provision is to:		
<ul style="list-style-type: none"> (a) Safeguard people from illness caused by infection or contamination, (b) Safeguard people from loss of <i>amenity</i> arising from the absence of appropriate personal hygiene facilities, and (c) Ensure <i>people with disabilities</i> are able to carry out normal activities and processes within <i>buildings</i>. 		
Objective G1.1(c) shall apply only to those <i>buildings</i> to which section 47A of the Act applies.		
FUNCTIONAL REQUIREMENT		
G1.2 <i>Buildings</i> shall be provided with appropriate spaces and facilities for personal hygiene.		
PERFORMANCE		
G1.3.1 <i>Sanitary fixtures</i> shall be provided in sufficient number and be appropriate for the people who are intended to use them.		
G1.3.2 <i>Sanitary fixtures</i> shall be located, constructed and installed to:		
<ul style="list-style-type: none"> (a) Facilitate <i>sanitation</i>, (b) Avoid risk of food contamination, (c) Avoid harbouring dirt or germs, (d) Provide appropriate privacy, (e) Avoid affecting occupants of adjacent spaces from the presence of unpleasant odours, accumulation of offensive matter, or other source of annoyance, (f) Allow effective cleaning, 		

Note: Section 47A is in the Building Act 1991. The equivalent section in the Building Act 2004 is section 118.

Effective from 29 December 2000

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Building Regulations 1992

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FIRST SCHEDULE—continued

Provisions	Limits on application
(g) Discharge to a plumbing and drainage system as required by Clause G13 “Foul Water” when water-borne disposal is used, and	
(h) Provide a healthy safe disposal system when non-water-borne disposal is used.	
G1.3.3 Facilities for personal hygiene shall be provided in convenient locations.	
G1.3.4 Personal hygiene facilities provided for <i>people with disabilities</i> shall be <i>accessible</i> .	Performance G1.3.4 shall not apply to <i>Housing, Outbuildings, backcountry huts, Ancillary buildings, and to Industrial buildings</i> where no more than 10 people are employed.

Effective from 31 October 2008

References

For the purposes of New Zealand Building Code (NZBC) compliance, the Standards and documents referenced in this Compliance Document (primary reference documents) must be the editions, along with their specific amendments, listed below. Where these primary reference documents refer to other Standards or documents (secondary reference documents), which in turn may also refer to other Standards or documents, and so on (lower-order reference documents), then the version in effect at the date of publication of this Compliance Document must be used.

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Standards New Zealand

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NZS 4121: 2001 Design for access and mobility – Buildings and associated facilities

Amend 4
Jul 2001

Standards Australia

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AS 1976: 1992 Vitreous china used in sanitary appliances

AS 3588: 1996 Shower bases and shower modules

Standards Australia/New Zealand

AS/NZS 1730: 1996 Washbasins

AS/NZS 2023: 1995 Baths for ablutionary purposes

British Standards Institution

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BS 3402: 1969 Specification for quality of vitreous china sanitary appliances

Where quoted

AS1 4.2.7

AS1 2.6.1

AS1 2.6.1

AS1 2.6.1

AS1 2.6.1

AS1 2.6.1

2.2 Flushing systems

2.2.1 Flushing systems for *sanitary fixtures* shall use either cisterns or flushing valves.

2.2.2 Cisterns may be of the dual flush, 2 button type providing the choice of a full flush or a half flush.

2.2.3 Flushing valves shall have backflow prevention complying with G12/AS1, and a water supply capable of supplying several flushes in rapid succession. The capacity should be related to the nature and usage of the *building*.

2.3 Urinals

2.3.1 A urinal may be of the stall, continuous wall, trough or bowl type.

2.3.2 Any urinal shall have at its base a channel or trough of sufficient size to receive all fluids discharging into it. The channel shall drain to a trap at the lowest point where fluids shall enter a discharge pipe through a domed grate. The grate shall have openings with a total area at least that of the discharge pipe, and be securely fixed but removable for maintenance access (see Figure 3).

2.3.3 Wall hung bowl or trough urinals shall have the front lip height above the floor or step, no more than 600 mm for men and no more than 400 mm for boys. The back surface of the urinal must extend at least 450 mm above the front lip level.

2.3.4 Urinals shall have *impervious*, easily cleaned surfaces (e.g. glazed ceramic ware or stainless steel). Stainless steel urinals are to be constructed of 1.2 mm minimum sheet thickness of grade 304 or when located in the outside air or a marine environment, the grade is to be 316.

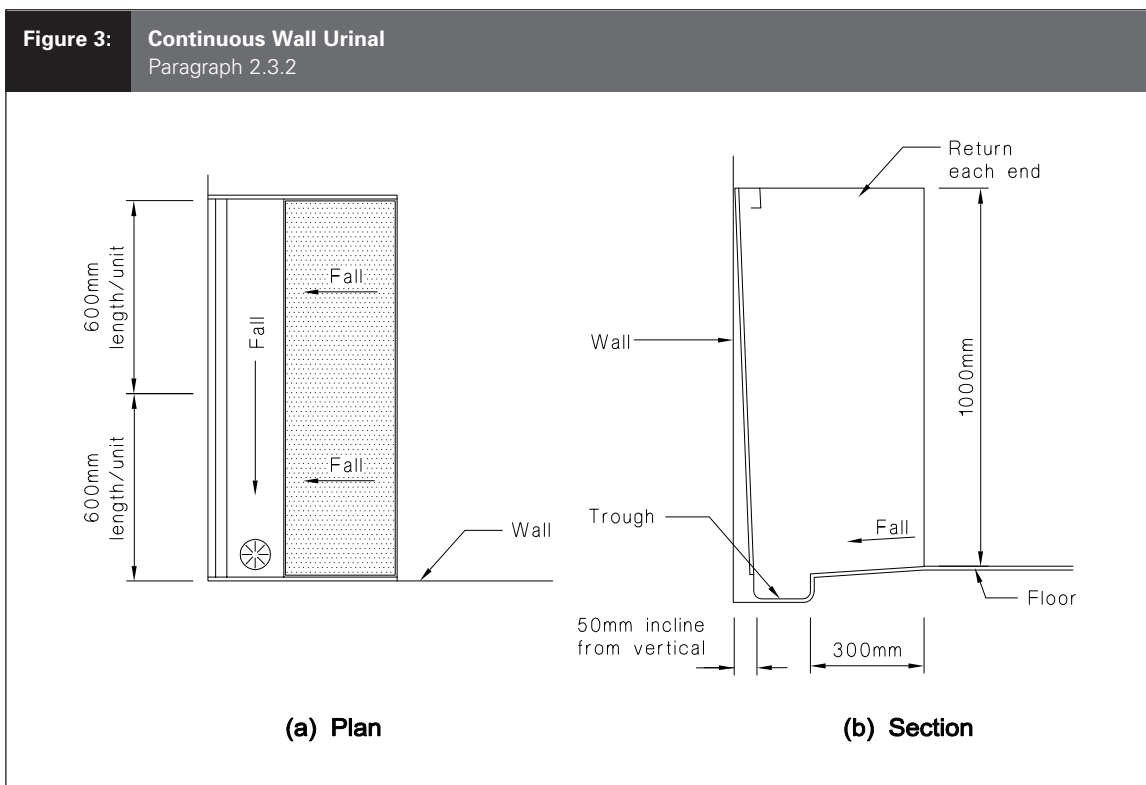
2.3.5 Urinal flushing apparatus shall clean the whole urinal surface and deliver a minimum of 2.5 litres of water per flush to each stall, bowl or 600 mm length of urinal wall.

2.3.6 A urinal flushing system shall have the cistern outlet at least 450 mm above the sparge pipe and comply with Table 5.

2.3.7 A flushing valve is also acceptable for urinals provided the water supply complies with Table 5 and backflow prevention complies with NZBC G12.

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2.3.8 Manually operated flushing systems shall have the operating control located no more than 1.3 m above the floor.

2.4 Bidets

2.4.1 Bidets shall:

- a) Be firmly fixed in place, and
- b) Have an *impervious*, easily cleaned surface finish (e.g. glazed earthenware or stainless steel), and
- c) Be either over-rim feed type or submersible spray type, and
- d) Satisfy the provisions of NZBC G12 for backflow prevention.

2.5 Showers

2.5.1 Showers using either a shower tray or a level threshold shall satisfy the provisions of E3/AS1 Internal Moisture.

2.6 Acceptable standards

2.6.1 *Sanitary fixtures* construction shall comply with the relevant parts of the following standards:

- AS 1976 Vitreous china used in sanitary appliances.
- AS 3588 Shower bases and shower modules.
- AS/NZS 2023 Baths for ablutionary purposes.
- AS/NZS 1730 Washbasins.
- BS 3402 Specification for quality of vitreous china sanitary appliances.

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3.0 Location of Sanitary Fixtures

3.0.1 Other NZBC Clauses relevant to the installation of *sanitary fixtures* are:

- E3 "Internal Moisture", for overflow and water splash requirements,
- G4 "Ventilation",
- G12 "Water supplies", and
- G13 "Foul water".

3.1 Space dimensions

3.1.1 Space containing *soil fixtures* shall be separated from *habitable spaces*. WC pans shall be located in spaces having dimensions of no less than those shown in Figure 4.

