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## Sanitary plumbing products

### Part 1: Water closet pans

STANDARDS  
Australia



This Australian Standard® was prepared by Committee WS-003, Sanitary Plumbing Fixtures. It was approved on behalf of the Council of Standards Australia on 21 March 2014. This Standard was published on 27 May 2014.

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The following are represented on Committee WS-003:

- Association of Accredited Certification Bodies
  - Australian Building Codes Board
  - Australian Chamber of Commerce and Industry
  - CSIRO
  - Department of the Environment, Australian Government
  - Plumbing Products Industry Group
  - Testing Interests (Australia)
- 

This Standard was issued in draft form for comment as DR AS 1172.1.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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# Australian Standard<sup>®</sup>

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### Part 1: Water closet pans

First published as AS A50—1946.  
Revised and redesignated AS 1172—1971.  
Second edition 1989.  
AS 1172—1989 revised and redesignated AS 1172.1—1993.  
Second edition 2005.  
Third edition 2014.  
Reissued incorporating Amendment No. 1 (June 2018).

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 74342 724 8

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-003, Sanitary Plumbing Fittings, to supersede AS 1172.1—2005, *Water closets, Part 1: Pans*.

*This Standard incorporates Amendment No. 1 (June 2018). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide manufacturers, importers, suppliers and users with requirements for pans for water closets.

Changes to the 2005 edition include—

- (a) recognition of flushing devices other than cisterns;
- (b) improved specification of test tolerances, apparatus and procedures; and
- (c) amended procedures to meet the requirements of the Water Efficiency Labelling Standards (WELS) scheme for greater consistency of test results across recognized testing laboratories.

This Standard covers water closet pans of all types suitable for reduced-flush matched performance sets (for example 6/3L) and other nominated combinations intended for use with flushing devices complying with AS 1172.2, *Sanitary plumbing products, Part 2: Flushing devices and cistern inlet and outlet valves*.

Committee WS-003 intends to work with industry to review research findings on new reduced flushing technologies and sewer dosing systems and their potential inclusion in a future revision of the AS 1172 suite of Standards.

The Committee's decision to use the white pages of the Australian telephone directory was to ensure the consistency of paper media properties in order to improve replication of the test media.

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STANDARDS AUSTRALIA

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**Australian Standard**

**Sanitary plumbing products**

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SECTION 1 SCOPE AND GENERAL

### 1.1 SCOPE

This Standard specifies the requirements for pans intended for use with flushing cisterns and other flushing devices complying with AS 1172.2.

### 1.2 NORMATIVE REFERENCES

The following are the normative documents referenced in this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

A1	AS	
	1172	Sanitary plumbing products
	1172.2	Part 2: Flushing devices and cistern inlet and outlet valves
	1976	Vitreous china for use in sanitary appliances
	AS/NZS	
	3500	Plumbing and drainage
	3500.0	Part 0: Glossary of terms
	3500.1	Part 1: Water services
	3500.2	Part 2: Sanitary plumbing and drainage
A1		6400 Water efficient products—Rating and labelling
	ASTM	
	A240M	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications

### 1.3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 3500.0 and those below apply:

#### 1.3.1 Combinations

A pan and matching flushing device which, when tested together, comply with the test performance requirements of this Standard and AS 1172.2.

#### 1.3.2 Component

That part, or a subassembly of parts, that contributes to the construction of a total assembly, by choice or design, and offers variations of fitment for the application of the major element of the product, whether produced by that same manufacturer or not.

NOTE: The component is a vital part of the total assembly.

#### 1.3.3 Matching stub-pan connector

An adaptor for use with one or more matched pans and connected directly to the integral spigot end of the pan, so that it can be used in S-trap, P-trap or side outlet situation.