



Sanitary plumbing products

Part 4: Washbasins

STANDARDS
Australia



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AS 1172.4:2019

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- Association of Accredited Certification Bodies
- Australian Building Codes Board
- Australian Chamber of Commerce and Industry
- Australian Industry Group
- CSIRO
- Department of Agriculture and Water Resources (Australian Government)
- Plumbing Products Industry Group
- The Institute of Plumbing Australia

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-003, Sanitary Plumbing Fixtures, to supersede AS/NZS 1730:1996, *Washbasins*.

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 washbasins. The Standard has been redesignated to become Part 4 of the AS 1172, *Sanitary plumbing products*, series.

The main change in this revision is the provision of performance requirements for basins with overflows. These requirements include the criteria to prevent basins from overflowing.

Another significant change is the addition of a wall safety load test for wall basins.

Main technical changes to this Standard from the 1996 edition are as follows:

- (a) Inclusion of requirements for non-vitreous ceramic washbasins (see [Section 5](#)).
- (b) Inclusion of product conformity requirements (see [Appendix A](#)).
- (c) Inclusion of a load safety test for wall basins (see [Appendix B](#)).
- (d) Inclusion of overflow performance requirements for wall basins (see [Appendix C](#)).

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Section 1 Scope and general

1.1 Scope

This Standard specifies requirements for materials, construction, workmanship and finish of washbasins. Critical dimensions only are specified.

1.2 Application

The washbasins shall conform to [Section 1](#) and the specific requirements of [Sections 2](#) to [7](#) (appropriate to washbasin type) as follows:

[Section 2](#), Cast iron vitreous enamelled washbasins.

[Section 3](#), Pressed steel vitreous enamelled washbasins.

[Section 4](#), Vitreous china washbasins.

[Section 5](#), Non-vitreous ceramic washbasins.

[Section 6](#), Stainless steel washbasins.

[Section 7](#), Plastics and composite materials washbasins.

1.3 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

AS 1589, *Copper and copper alloy waste fittings*

AS 1830, *Grey cast iron*

AS 1976, *Vitreous china used in sanitary appliances*

AS 2001.4.A02, *Methods of test for textiles, Method 4.A02: Colourfastness tests—Grey scale for assessing change in colour*

AS 2887, *Plastic waste fittings*

AS 3558.2, *Methods of testing plastics and composite materials sanitary plumbing fixtures, Method 2: Determination of chemical and stain resistance*

AS 3558.3, *Methods of testing plastics and composite materials sanitary plumbing fixtures, Method 3: Determination of colour fastness*

AS 3558.4, *Methods of testing plastics and composite materials sanitary plumbing fixtures, Method 4: Determination of resistance to surface scratching*

AS 3558.6, *Methods of testing plastics and composite materials sanitary plumbing fixtures, Method 6: Visual examination of surface finish for defects*

AS 3558.15, *Methods of testing plastics and composite materials sanitary plumbing fixtures, Method 15: Determination of impact resistance of washbasins*