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**AS/NZS 1730:1996**  
**Washbasins**  
(In Professional Package 61B)  
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Specifies requirements for  
washbasins made from cast iron,  
vitreous enamelled, pressed steel,  
vitreous enamelled, vitreous china,  
stainless steel, plastics and  
composite materials.  
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Australian Standard®

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**Washbasins**

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STANDARDS AUSTRALIA



This Australian Standard was prepared by Committee WS/3, Sanitary Plumbing Fixtures. It was approved on behalf of the Council of Standards Australia on 4 November 1988 and published on 16 January 1989.

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Australian Chamber of Manufactures  
Australian Design and Technology Association  
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Department of Health, New South Wales  
Department of Local Government, Queensland  
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**Washbasins**

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Sanitary Plumbing Fixtures to supersede AS 1730—1975, *Washbasins*.

The Standard covers basic requirements for all types of washbasins of the various materials and includes additional information on testing, installation, and performance.

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## STANDARDS AUSTRALIA

Australian Standard  
**WASHBASINS**

## 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 comply with Section 1 and with the specific requirements of Section 2 to 6 as appropriate to the type as follows:

- Section 2 Cast iron vitreous enamelled washbasins
- Section 3 Pressed steel vitreous enamelled washbasins
- Section 4 Vitreous china washbasins
- Section 5 Stainless steel washbasins
- Section 6 Plastics and composite materials washbasins

**1.3 REFERENCED DOCUMENTS.** The following documents are referred to in this Standard.

## AS

- |          |   |
|----------|---|
| 1234     | Recommendations for coordinated preferred dimensions in building  |
| 1355     | Glossary of terms used in connection with water and sanitary plumbing and drainage installations                    |
| 1449     | Wrought alloy steels—Stainless and heat-resisting steel plate, sheet and strip                                      |
| 1589     | Copper and copper alloy waste fittings  |
| 1595     | Cold-rolled unalloyed low carbon steel sheet and strip  |
| 1718     | Water supply—Copper alloy screw-down pattern taps—Specified by dimensions   |
| 1830     | Iron castings—Grey cast iron  |
| 1976     | Vitreous china for use in sanitary appliances   |
| 2219     | Methods of test for vitreous enamel coatings  |
| 2219.1.5 | Part 1.5: Chemical tests—Determination of resistance of vitreous enamel coatings to citric acid at room temperature |
| 2887     | Plastics waste fittings   |
| 3558     | Methods of testing plastics and composite materials sanitary plumbing fixtures                                      |
| 3558.2   | Method 2: Determination of chemical and stain resistance  |
| 3558.3   | Method 3: Determination of colour-fastness  |
| 3558.4   | Method 4: Determination of resistance to surface scratching   |
| 3558.5   | Method 5: Determination of degradation by ultraviolet light   |
| 3558.6   | Method 6: Visual examination of surface finish for defects  |
| 3558.15  | Method 15: Determination of impact resistance of washbasins   |
| 3558.16  | Method 16: Determination of resistance to thermal shock of washbasins   |
| 3718     | Water supply—Metal bodied taps—Specified by performance   |

## ISO

105/A Textiles—Tests for colour fastness, Part A: General principles

**1.4 DEFINITIONS.** For the purpose of this Standard, the definitions given in AS 1355 and those below apply.

**1.4.1 Bead**—a roll or formed edge on one or more sides of the washbasin which may be used for flashing purposes.

**1.4.2 Blister**—a bubble formed during fusion of vitreous enamel or plastics/composite material which remains after solidification.

**1.4.3 Built-in washbasin**—a washbasin with a tiling flange or an upstand for installation abutting a wall.

**1.4.4 Chipping**—removal of the enamel coating of a washbasin by impact.

**1.4.5 Clickers**—sharp raised black marks.

**1.4.6 Crazing**—a crack in the entire thickness of the enamel coating or finished surface of a plastics composite material.

**1.4.7 Dimples**—slight depressions of the finished surface.

**1.4.8 Inset (or vanity) washbasin**—a washbasin with a sealing rim which may be integral with an impervious bench top.

**1.4.9 Island washbasin**—a washbasin not abutting a wall.

**1.4.10 Lift**—an area of the base from which the enamel or plastics composite has lifted.

**1.4.11 Lumps**—raised portions of the finished surface.

**1.4.12 Peeling**—spontaneous detachment of pieces of enamel or plastics composite from the base material.

**1.4.13 Pinhole**—a hole that extends through the enamel to the metal base or in the finished surface of a plastics composite material.

**1.4.14 Scale**—raised piece of foreign matter on a finished surface.

**1.4.15 Scratching**—a scratch penetrating the finished surface of a washbasin.

**1.4.16 Specks**—particles of foreign matter producing a different colour on a surface.

**1.4.17 Tiling flange**—upstand on one or more sides of the washbasin for flashing purposes.

**1.5 DESIGN.**

**1.5.1 Preferred dimensions.** Modular dimensions are preferred for length and width as set out in AS 1234.