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Washbasins
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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®

Washbasins



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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 1: General principles

1.4 DEFINITIONS. For the purpose of this Standard, the definitions given in AS 1358 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 Chippers—sharp raised black marks.

1.4.6 Cracking—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.