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Under Revision

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AS 2023—1989

Australian Standard®

Baths for ablutionary purposes

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This Australian Standard was prepared by Committee WS/3, Sanitary Plumbing Fixtures. It was approved on behalf of the Council of Standards Australia on 22 March 1989 and published on 12 May 1989.

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Australian Chamber of Manufacturers
Australian Design and Technology Association
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STANDARDS AUSTRALIA

Amendment No 1
to
AS 2023—1989
Baths for ablutionary purposes

REVISED TEXT



The 1989 edition of AS 2023 is amended as follows; the amendment(s) should be inserted in the appropriate place.

SUMMARY: This Amendment applies to Clauses 1.5.4(a), A6.1 and A6.2, Figures A1, A2 and Table A1.

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AS 2023—1989

Australian Standard®

Baths for ablutionary purposes

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PREFACE.

This Standard was prepared by Standards Australia's Committee on Sanitary Plumbing Fixtures to supersede AS 2023—1977, *Baths for domestic purposes*. It includes requirements for baths made from cast iron vitreous enamelled, pressed steel vitreous enamelled, stainless steel, vitreous china, plastics and composite materials.

This Standard includes additional information on design and performance requirements. Rigidity procedures and loading methods have been revised together with material type tests.

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STANDARDS AUSTRALIA

Australian Standard
Baths for ablutionary purposes

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies requirements for baths for ablutionary purposes, including built-in, inset, island, and free-standing styles. Only critical dimensions are specified.

This Standard does not apply to spa baths and baths specifically designed for medical applications.

1.2 APPLICATION. Baths shall comply with Section 1 and with Sections 2 to 6 as follows:

Section 2. Cast iron vitreous enamelled baths

Section 3. Pressed steel vitreous enamelled baths

Section 4. Vitreous china baths

Section 5. Stainless steel baths

Section 6. Plastics and composite materials baths

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

AS	
1225	Clay building bricks
1234	Recommendations for coordinated preferred dimensions in building
1315	Portland cement
1316	Masonry cement
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
1650	Galvanized coatings
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
2105	Inorganic zinc silicate paint
2219	Methods of test for vitreous enamel coatings
2219.1.5	Method 1.5: Chemical tests—Determination of resistance of vitreous enamel coatings to citric acid at room temperature
2733	Concrete masonry units
2887	Plastics waste fittings
3558	Methods of testing plastics and reinforced plastics 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

3558.11 Method 11: Determination of impact resistance of baths for domestic purposes

3558.12 Method 12: Determination of resistance to thermal shock of baths for domestic purposes

3718 Water supply—Metal bodied taps—Specified by performance

ISO

105 Textiles—Tests for colourfastness

105/A 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 Bath—a sanitary plumbing fixture in which the human body can be immersed for ablutionary purposes.

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

1.4.3 Built-in bath—a bath designed with a tiling flange, or bead, or integral upstand to be installed abutting a wall.

1.4.4 Chipping—removal of the enamel or plastics and composite coating of a bath by impact.

1.4.5 Clickers—sharp raised black marks.

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

1.4.7 Dimples—slight depressions of the finished surface.

1.4.8 Free-standing bath—a bath designed with frame or legs or other support for independent installations. The bath may have an integral full height surround.

1.4.9 Inset bath—a bath designed with an integral rim, capable of being sealed to a floor or bench.

1.4.10 Island bath—a bath designed with a supporting rim and a surround for installation in a frame not abutting a wall.

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

1.4.12 Lumps—raised portions of the finished surface.

1.4.13 Peeling—spontaneous detachment of pieces of enamel or plastics and composite from the base material.