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Australian Standard®

Household sinks



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PREFACE

This Standard was prepared by the Standards Australia Committee on Sanitary Plumbing Fixtures to supersede AS 1756—1975, *Stainless steel sinks (with and without drainers)*.

The Standard includes requirements for sinks made from cast iron vitreous enamelled, pressed steel vitreous enamelled, vitreous china, stainless steel, plastics and composite materials.

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STANDARDS AUSTRALIA

Australian Standard
HOUSEHOLD SINKS

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies requirements for materials, construction, workmanship, and finish of household sinks, with and without drainers, including inset type sinks, and drainer bowls. Critical dimensions only are specified.

1.2 APPLICATION. Household sinks shall comply with Section 1 and Section 2 to 6 as follows:

Section 2. Cast iron vitreous enamelled sinks

Section 3. Pressed steel vitreous enamelled sinks

Section 4. Vitreous china sinks

Section 5. Stainless steel sinks

Section 6. Plastics and composite materials sinks

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
- 3558.19 Method 19: Determination of impact resistance of sinks

- 3558.20 Method 20: Determination of resistance to thermal shock of sinks
- 3558.21 Method 21: Determination of thermal expansion under load of sinks
- 3558.22 Method 22: Determination of thermal distortion of sinks
- 3558.23 Method 23: Determination of resistance to heat of the surface of sinks
- 3558.24 Method 24: Determination of resistance to hot liquids of the surface of sinks
- 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 sink 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 sink—a sink designed with a fascia, a tiling flange, or an upstand abutting a wall or walls.

1.4.4 Chipping—removal of the enamel or plastics coating of a household sink 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 sink—a sink designed with a sealing rim for installation in a bench top.

1.4.9 Island sink—a sink 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.