

STANDARDS AUSTRALIA

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**RECONFIRMATION**

**OF**

**AS 3558.23—1999**

**Methods of testing plastics and composite materials sanitary plumbing fixtures  
Method 23: Determination of resistance to heat of the surface of sinks**

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**RECONFIRMATION NOTICE**

Technical Committee WS-003 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 30 September 2016.

The following are represented on Technical Committee WS-003:

Association of Accredited Certification Bodies  
Australian Chamber of Commerce and Industry  
CSIRO  
Department of Agriculture and Water Resources (Australian Government)  
Plastics New Zealand  
Plumbing Distributors Association of New Zealand  
Plumbing Products Industry Group  
Testing Interests (Australia)

## NOTES

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# Methods of testing plastics and composite materials sanitary plumbing fixtures

## Method 23: Determination of resistance to heat of the surface of sinks

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### 1 SCOPE

This Standard sets out a method for determining the resistance to heat of the surface of plastics sinks.

### 2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS

3558 Methods of testing plastics and composite materials sanitary plumbing fixtures

3558.6 Method 6: Visual examination of surface finish for defects

### 3 PRINCIPLE

A heated plate is placed on the bottom of the sink bowl in a prescribed program. The sink is then visually examined.

### 4 APPARATUS

The following apparatus is required:

- (a) A flat aluminium or copper plate  $5 \pm 1$  mm thick and of 150 mm min. in diameter.
- (b) An oven capable of maintaining a temperature of  $230 \pm 5^\circ\text{C}$ .
- (c) A felt pen or similar marking device.

### 5 PROCEDURE

The procedure shall be as follows:

- (a) Mark the test area on the sink drainer (or bottom of sink bowl if drainer is not provided) with a  $250 \pm 20$  mm circle. Select a surface that permits maximum contact.
- (b) Preheat the oven to a temperature of  $230 \pm 5^\circ\text{C}$ .
- (c) Place the plate in the oven for  $15 \pm 0.5$  min.
- (d) Remove the plate from the oven and immediately place on test area.
- (e) After  $10 \pm 0.5$  min, remove the plate from the test area.
- (f) Repeat Steps (b) to (e) a further two times.
- (g) Allow the sink to remain in ambient conditions for 4 h.
- (h) Inspect the sink in accordance with AS 3558.6.