

STANDARDS AUSTRALIA

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**RECONFIRMATION**

**OF**

**AS 3558.7—1999**

**Methods of testing plastics and composite materials sanitary plumbing fixtures  
Method 7: Determination of impact resistance of laundry troughs**

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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 7: Determination of impact resistance of laundry troughs

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### 1 SCOPE

This Standard sets out a method for determining the impact resistance of plastics laundry troughs.

### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1680 Interior lighting

1680.1 Part 1: General principles and recommendations

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 steel ball is dropped from predetermined heights once only on each of the following surfaces:

- (a) Three different internal bottom surface areas.
- (b) Three different flange top surface areas.
- (c) Three different external bottom surface areas.

The trough is then inspected for fracture.

### 4 APPARATUS

The following apparatus is required:

- (a) A steel ball  $38 \pm 0.5$  mm in diameter, having a mass of  $225 \pm 5$  g.
- (b) A device that will permit the ball to drop freely and vertically from heights of  $300 + 50, -0$  mm and  $750 + 50, -0$  mm.

### 5 PROCEDURE

The procedure shall be as follows:

- (a) Thoroughly degrease the surface of the laundry trough using household detergent.
- (b) If necessary, mount the laundry trough in a test frame in accordance with the manufacturer's installation instructions, and so that it can be tilted to achieve impact normal to the surface.