

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2350.12—2006

Methods of testing portland, blended and masonry cements

Method 12: Preparation of a standard mortar and moulding of specimens

RECONFIRMATION NOTICE

Technical Committee BD-010 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.

Reconfirmed documents cannot be amended, but may be formally revised and a new edition published.

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 24 February 2016.

The following are represented on Technical Committee BD-010:

AUSTROADS

Cement & Concrete Association of New Zealand

Cement Concrete & Aggregates Australia

Cement Concrete & Aggregates Australia – Cement

Cement Concrete & Aggregates Australia – Concrete

Concrete Institute of Australia

Concrete Masonry Association of Australia

Engineers Australia

Portland Cement Association

NOTES

Australian Standard[®]

Methods of testing portland, blended and masonry cements

Method 12: Preparation of a standard mortar and moulding of specimens

1 SCOPE

This Standard sets out the method for the preparation of a standard mortar and the moulding of specimens for testing of cements, under precisely defined conditions.

NOTES:

- 1 The testing procedure herein may involve the use of materials or equipment that require safety measures to be observed.
- 2 This Standard does not purport to address all of the safety concerns, if any, associated with its use.
- 3 The user of this Standard should establish appropriate safety and health practices, and determine the applicability of regulatory limitations prior to use.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1100 Technical drawing
- 1100.201 Part 201: Mechanical engineering drawing

AS/NZS

- 2350 Methods of testing portland, blended and masonry cements
- 2350.1 Part 1: Sampling
- 2350.11 Part 11: Compressive strength

BS EN

- 196 Methods of testing cement
- 196-1 Determination of strength

3 PRINCIPLE

The mortar is prepared by mechanical mixing of plastic mortar containing one part by mass of cement and three parts by mass of standard sand with a water:cement ratio of 0.50. Standard sands from various sources and countries may be used provided that they meet the requirements of BS EN 196-1.

4 APPARATUS AND RELATED CONDITIONS

4.1 Laboratory and storage facility conditions

The air within the laboratory where preparation of specimens takes place shall be maintained at a temperature of $23 \pm 2^\circ\text{C}$ and a relative humidity of not less than 50%. The humidity-controlled room or cabinet for storage of the specimens in the mould shall be continuously maintained at a temperature of $23 \pm 2^\circ\text{C}$ and a relative humidity of not less than 90%.