

## Australian/New Zealand Standard™

**Methods of testing portland, blended and masonry cements****Method 3: Normal consistency**

AS/NZS 2350.3:2006

## PREFACE

*This Standard incorporates Amendment No. 1 (September 2008). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

**1 SCOPE**

This Standard sets out the method for determining the normal consistency of cement.

## 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/NZS

2350 Methods of testing portland, blended and masonry cements

2350.1 Part 1: Sampling

## ASTM

C451 Method of test for false set of portland cement (Paste method)

**3 PRINCIPLE**

Normal consistency is defined as the property of cement paste having a specified resistance to penetration by a standard plunger.

**4 APPARATUS AND RELATED CONDITIONS****4.1 Laboratory**

The air within the laboratory where the preparation and testing of the specimen takes place shall be maintained at a temperature of  $23 \pm 2^\circ\text{C}$  and at a relative humidity of not less than 50%.