

## Australian/New Zealand Standard™

**Methods of testing portland, blended and masonry cements****Method 8: Fineness index by air permeability method**

AS/NZS 2350.8:2006

## 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 describes the reference method for determining the fineness index of cement by the air permeability method, expressed in terms of surface area in square metres per kilogram of cement determined at a temperature of  $23 \pm 2^\circ\text{C}$ .

## NOTES:

- 1 The test method is known to work well with portland cement; however, judgement should be exercised when determining its suitability in regards to fineness measurements of cements with densities or porosities that differ from those assigned to Standards Reference Material No. 114. Such materials would include blended cements. Reference should be made to ASTM C204 or BS EN 196-6.
- 2 The testing procedure herein may involve the use of materials or equipment that require safety measures to be observed.
- 3 This Standard does not purport to address all of the safety concerns, if any, associated with its use.
- 4 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 Method 1: Sampling

## ASTM

- C188 Standard Test Method for Density of Hydraulic Cement  
C204 Standard Test Method for Fineness of Hydraulic Cement by Air Permeability Apparatus

## BS EN

- 196 Methods of testing cement  
196-6 Part 6: Determination of fineness