

STANDARDS AUSTRALIA

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**RECONFIRMATION**

**OF**

**AS 1774.21—2005**

**Refractories and refractory materials—Physical test methods  
Method 21: Determination of workability index—Mouldable refractories**

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**RECONFIRMATION NOTICE**

Technical Committee MN-007 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 19 August 2015.

The following are represented on Technical Committee MN-007:

Australian Ceramic Society  
Bureau of Steel Manufacturers of Australia  
Cement Industry Federation  
CSIRO  
Institute of Refractories Engineers  
Refractories Manufacturers Association of Australia  
The University of New South Wales

## NOTES

# Australian Standard™

## Refractories and refractory materials—Physical test methods

### Method 21: Determination of workability index—Mouldable refractories

#### PREFACE

This Standard was prepared by the Standards Australia Committee MN-007, Refractories and Refractory Materials to supersede AS 1774.21—1996, *Refractories and refractory materials—Physical test methods, Method 21: Mouldable refractories—Workability index*.

This Standard is based on ASTM C181-1991.

The objective of this revision is to align the test with current practice.

This edition has been editorially updated and confirms the method of determining the workability index of mouldable refractories

#### METHOD

##### 1 SCOPE

This Standard sets out a method for the determination of the workability index of a mouldable refractory at room temperature.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
2243	Safety in laboratories (series)
2780	Refractories and refractory materials—Glossary of items
ASTM	
C181	Test method for workability index of fireclay and high-alumina plastic refractories

##### 3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2780 apply.

##### 4 PRINCIPLE

A cylindrical test specimen is prepared and subjected to impact and the resulting deformation is determined.