

AS 3648—1993

Australian Standard[®]

**Specification and methods of
test for packaged concrete mixes**

This Australian Standard was prepared by Committee BD/49, Manufacture of Concrete. It was approved on behalf of the Council of Standards Australia on 18 June 1993 and published on 13 September 1993.

The following interests are represented on Committee BD/49:

Australasian Slag Association
AUSTROADS
Cement and Concrete Association of Australia
Department of Administrative Services — Australian Construction Services
Housing Industry Association
Master Builders Construction and Housing Association Australia
Metal Trades Industry Association of Australia
National Ready Mixed Concrete Association
Public Works Department, N.S.W.
Royal Australian Institute of Architects
The Association of Consulting Engineers Australia
University of New South Wales
University of Sydney

Additional interests participating in preparation of Standard:

Australian Cement Manufacturers
Bemac Laboratories
Hardware Retailers Association of N.S.W.

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PREFACE

This Standard was prepared by the Standards Australia Committee on Manufacture of Concrete. Its preparation was initiated by the cement manufacturing industry as a means of promoting a uniform measure of quality of the product on a national scale, and to provide a degree of assurance to the user that the required quality is achieved if the supplied product complies with this Standard.

It is intended that the concrete made from the contents of each package is to be used in domestic situations for making small items (e.g. a 600 mm × 600 mm × 50 mm thick garden paving block) and for other applications, such as patching, where a particular concrete strength is not an essential consideration. It is not intended that the concrete is to be used in any way for structural purposes.

A number of Appendices are included which detail appropriate methods of test for assessing if the package and its contents satisfy specific requirements of the Standard. Also included as an Appendix are examples of suggested 'Instructions for use'.

It should be noted that the number of samples specified for each test is the minimum number necessary for establishing a meaningful result for that test. More samples may be required for quality assurance purposes.

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CONTENTS

	<i>Page</i>
1 SCOPE	4
2 REFERENCED DOCUMENTS	4
3 DEFINITIONS	5
4 MATERIALS	5
5 PACKAGE CONTENTS	6
6 PACKAGING	6
7 LABELLING AND MARKING	7
8 INSTRUCTIONS FOR USE	7
 APPENDICES	
A MEANS FOR DEMONSTRATING COMPLIANCE WITH THIS STANDARD	8
B METHODS OF TEST FOR PACKAGE CONTENTS	10
C MECHANICAL STRENGTH (VERTICAL DROP TEST) OF PACKAGES ...	15
D EXAMPLES OF INSTRUCTIONS FOR USE	17

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