

AS 1379 Supplement 1—2008

**Specification and supply of concrete—
Commentary
(Supplement 1 to AS 1379—2007)**

STANDARDS
Australia



This Australian Standard Supplement was prepared by Committee BD-049, Manufacture of Concrete. It was approved on behalf of the Council of Standards Australia on 10 April 2008. This Supplement was published on 12 June 2008.

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OF

AS 1379 SUPP 1-2008

**Specification and supply of concrete – Commentary
(Supplement 1 to AS 1379 - 2007)**

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PREFACE

This Commentary (AS 1379—Supplement 1) was prepared by Standards Australia Committee BD-049, Manufacture of Concrete, to supersede AS 1379 Supp 1—1997.

Objective

The objective of this Commentary is to—

- (a) provide background reference material to the Standard;
- (b) indicate the origin of particular requirements;
- (c) indicate departures from previous practice; and
- (d) explain the application of certain Clauses.

The clause numbers and titles used in the Commentary are the same as those of AS 1379 except that they are prefixed by the letter C. To avoid possible confusion between this Commentary and the Standard, clauses are cross-referenced within the text, while Commentary clauses are referred to as Paragraph C... in accordance with Standards Australia policy.

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STANDARDS AUSTRALIA

Australian Standard

Specification and supply of concrete—Commentary (Supplement 1 to AS 1379—2007)

SECTION C1 SCOPE AND GENERAL

C1.1 SCOPE

The Standard was prepared for use in the specification and supply of all concrete, whether or not it is addressed in the scope and application of AS 3600.

It is not intended to apply to mortars or grouts unless these contain coarse aggregates.

Requirements for mortars for masonry construction are specified in AS 2700 and the methods for sampling and testing mortars in AS 2701.

Requirements for grouts to be used for the grouting of prestressing tendons in ducts are specified in AS 3600.

The supply of concrete by the premix concrete industry has been expressly but not solely contemplated in the preparation of the Standard.

It is not intended that this Standard take precedence over existing Australian Standards for the manufacture of specific concrete products.

The Standard is intended to complete the independence of AS 1379 from AS 3600. Due to the lack of synchronization in publishing dates, for many years concrete as a material relied on both AS 1379 and AS 3600 to one degree or another. AS 1379 is now a 'stand-alone' document for the specification and supply of concrete.

C1.2 REFERENCED DOCUMENTS

The Standards listed in the Clause are subject to revision from time to time and the current edition should always be used. The currency of any Standard may be checked with Standards Australia.

C1.3 DEFINITIONS

No Commentary, except for the following clauses:

C1.3.6 Cement

The meaning of the term cement has been extended beyond its traditional meaning of portland cement to include supplementary cementitious materials. For the purpose of this Standard, cement can be portland or blended cements as defined in AS 3972.

Blended cements include any combination of portland cement with fly-ash, amorphous silica and ground granulated iron blast furnace slag.

C1.3.15 Project assessment

Section 6 requires suppliers to continuously monitor the strength of the concrete supplied by 'production assessment.'

Project assessment is an additional assessment that may be specified, and attracts an additional cost.

Currently AS 3600 requires project assessment to be specified for all special-class concrete. Project assessment may also be specified for normal-class concrete.