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AS 1012.13-1992 Methods of testing concrete - Determination of the drying shrinkage of concrete for samples prepared in the field or in the laboratory

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Abbreviation

AS 1012.13-1992

Amendment

AS 1012.13-1992/Amdt 1-1993

Valid from

15/05/1992

Information provider

SAI Global

Information type

Australian Standard

Format

PDF, hard copy

Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

Description

This Standards sets out a method for determining the drying shrinkage of concrete. Generally similar to the 1970 edition, except that the differences between field and laboratory prepared specimens has been emphasized.

Scope

This Standard sets out a method for preparing and curing of concrete shrinkage specimens, and for determining the length changes of these specimens due to drying in air. It provides for testing of specimens prepared in the laboratory or in the field, in which the nominal size of aggregate in the concrete, in accordance with AS 2758.1, does not exceed 40 mm. The precision statement in Clause 9 does not apply to specimens which have had non-standard initial curing (normally field-prepared specimens). In addition this Standard requires that field-prepared specimens are marked, recorded and reported as such.

Notes: This test method is not always suitable for very low slump concrete (less than 20 mm), primarily due to the difficulties in obtaining adequate compaction. Provided adequate compaction is obtained, the method is applicable. The method is specifically designed for measurement of drying shrinkage of concrete, but it is capable of adaptation for measurement of length changes of specimens subjected to a variety of environmental conditions.

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- [AS 2159-1995](#)

AS 1012.13-1992 is cited by AS 2159-1995 Rules for the design and installation of piling (known as the SAA Piling Code)

- [NZS 3101.1&2:2006](#)

AS 1012.13-1992 is cited by NZS 3101.1&2:2006 Concrete structures standard. The design of concrete structures

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