

SINGAPORE STANDARD

Specification for cement

– Part 2 : Conformity evaluation

(This national standard is the identical implementation of EN 197-2 : 2000 and is adopted with permission of CEN, Avenue Marnix 17, 1000 Brussels)

SS EN 197-2 : 2008
(ICS 91.100.10)

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– Part 2 : Conformity evaluation

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ISBN 981-4154-91-1

This Singapore Standard was approved by the Building and Construction Standards Committee on behalf of the Standards Council of Singapore on 11 December 2008.

First published, 2008

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Ready-mix Concrete Association of Singapore
Setsco Services Pte Ltd
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National Foreword

This Singapore Standard was prepared by the Technical Committee on Building Structure and Sub-structure under the purview of the Building and Construction Standards Committee.

This standard is the result of the review of the following Singapore Standards:

SS 26 : 2000 – Specification for ordinary Portland cement
SS 476 : 2000 – Specification for high slag blastfurnace cement
SS 477 : 2000 – Specification for Portland blastfurnace cements

The SS EN 197 series of standards replaces these standards. This series comprises the following additional parts:

- Part 1 Composition, specifications and conformity criteria for common cements
- Part 4 Composition, specifications and conformity criteria for low early strength blastfurnace cements

This standard is identical to EN 197-2 : 2000 – ‘Specification for Cement – Part 2 : Conformity evaluation’ and is adopted with permission of CEN, Rue de Stassart 36, B-1050 Brussels

Attention is drawn to the following:

1. Where reference is made to European Standards, it has been replaced by ‘Singapore Standard’ where applicable.
2. The comma used as a decimal marker has been replaced by a full point on the baseline.
3. The National Foreword replaces the Foreword of EN 197-2.
4. An informative national Annex ZZA - ‘Recommended sampling plan for imported cement’ has been included. Most cements are imported into Singapore where the manufacturer may not have production control as set out in EN 197-2. The alternate approach in Annex ZZA is intended to ensure that quality of cement imported for use in Singapore will have equivalent assurance of quality compared to cement that may be manufactured within Singapore.

At the time of publication, this standard is expected to be used as a reference in the Building and Construction Authority’s ‘Approved Document – Acceptable Solutions’.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. SPRING Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards are subject to periodic review to keep abreast of technological changes and new technical developments. The changes in Singapore Standards are documented through the issue of either amendments or revisions.*
2. *Compliance with a Singapore Standard does not exempt users from legal obligations.*

Specification for cement – Part 2 : Conformity evaluation

1 Scope

SS EN 197-2 specifies the scheme for the evaluation of conformity of cements to their corresponding product specification standards, including certification of conformity by a certification body.

The standard provides technical rules for factory production control by the manufacturer, including autocontrol testing of samples, and for the tasks of the certification body. It also provides rules for actions to be followed in the event of nonconformity, the procedure for the certification of conformity and requirements for dispatching centres.

In SS EN 197-2 the word “cement” is used to refer both to common cements as defined in SS EN 197-1 and to other cements and binders for which the relevant product specification standard makes reference to SS EN 197-2 and which are submitted for certification. Such a cement is produced at a given factory and belongs to a particular type and a particular strength class, as defined and specified in the relevant product specification standard.

2 Normative references

SS EN 197-2 incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to SS EN 197-2 only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 196-1	Methods of testing cement – Part 1 : Determination of strength.
EN 196-7	Methods of testing cement – Part 7 : Methods of taking and preparing samples of cement.
SS EN 197-1	Cement – Part 1 : Composition, specifications and conformity criteria for common cements.
ENV 413-1	Masonry cement – Part 1 : Specification.
EN ISO 17025	General requirements for the competence of testing and calibration laboratories.
EN 45004	General criteria for the operation of bodies performing inspection.
EN 45011	General criteria for certification bodies operating product certification (ISO/IEC Guide 65 : 1996).
ISO 2854	Statistical interpretation of data – Techniques of estimation and tests relating to means and variances.