

SINGAPORE STANDARD

Ground granulated blast furnace slag for use in concrete, mortar and grout

– Part 2 : Conformity evaluation

(This national standard is the identical implementation of EN 15167-2 : 2006 and is adopted with permission of CEN, Rue de Stassart 36, B-1050 Brussels)

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G & W Industries Pte Ltd

Holcim (Singapore) Pte Ltd

Housing & Development Board

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National University of Singapore

Ready-mix Concrete Association of Singapore

Setsco Services Pte Ltd

Singapore Concrete Institute

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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 identical to EN 15167-2 : 2006 – ‘Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2 : Conformity evaluation’ and 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 Where reference is made to European Standards, it has been replaced by ‘Singapore Standard’ where applicable.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 The comma used as a decimal marker has been replaced by a full point on the baseline.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 197-1.

The standard SS EN 15167 comprises two parts:

- Part 1 : Definitions, specifications and conformity criteria
- Part 2 : Conformity evaluation

Most ground granulated blast furnace slag are imported into Singapore where the manufacturer may not have production control as set out in EN 15167-2. The alternate approach in Annex ZZA is intended to ensure that quality of granulated blast furnace slag imported for use in Singapore will have equivalent assurance of quality compared to slag that may be manufactured within Singapore.

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

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
2. *An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR.*
3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

Specification for ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2 : Conformity evaluation

1 Scope

This Singapore Standard specifies the scheme for the evaluation of conformity of ground granulated blastfurnace slag according to SS EN 15167-1.

The Singapore Standard provides technical rules for the production control by the manufacturer, including autocontrol testing of samples. It also provides rules for actions to be followed in the event of non-conformity, the procedure for the certification of conformity and requirements for dispatching centres.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 196-1, Methods of testing cement – Part 1 : Determination of strength

EN 196-7, Methods of testing cement – Methods of taking and preparing samples of cement

SS EN 15167-1, Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 1 : Definitions, specifications and conformity criteria