

Silica fume for concrete —

Part 1: Definitions, requirements and conformity criteria

ICS 91.100.30

National foreword

This British Standard is the UK implementation of EN 13263-1:2005+A1:2009. It supersedes BS EN 13263-1:2005 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted by Technical Committee B/517, Concrete, to its Subcommittee B/517/4, Additions for concrete.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

EN 13263-1:2005 is a candidate “harmonized” European Standard and fully takes into account the requirements of the European Commission mandate M/128, *Products related to concrete, mortar and grout*, given under the EU Construction Products Directive (89/106/EEC), and is intended to lead to CE marking. The date of applicability of EN 13263-1:2005 as a “harmonized” European Standard, i.e. the date after which this standard may be used for CE marking purposes, is subject to an announcement in the *Official Journal of the European Communities*.

EN 13263-1:2005 is the subject of transitional arrangements agreed under the European Commission mandate. The Member States have agreed a nominal transition period for the co-existence of EN 13263-1:2005 and their corresponding national standard(s). It is intended that this period will comprise a nominal nine month period during which any required changes to national regulations are to be made, followed by a further nominal twelve month period for the implementation of CE marking. At the end of this co-existence period, the national standard(s) will be withdrawn. In the UK, there is no corresponding national standard.

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Amendments/corrigenda issued since publication

Date	Comments
28 February 2010	Implementation of CEN amendment A1:2009

The term “silica fume” used in this standard relates to the material recovered from the exhaust gases of ferrosilicon and silicon metal production furnaces. It has been chosen as the most common descriptor of the product, though other terms that have been used are set out in the standard.

This standard is new to the UK industry and sets out the minimum requirements to ensure product of suitable quality for use as a type II addition in concrete (as defined in BS EN 206-1 and BS 8500).

Although no British Standard is superseded, this standard does supersede a number of non-UK National Standards for silica fume. UK-based operators who have previously used these standards might need to familiarize themselves with any changes in the requirements of this “harmonized” standard.

Further information on the changes effected by the implementation of this standard can be obtained from the suppliers of silica fume.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.