

Tests for geometrical properties of aggregates

Part 9: Assessment of fines — Methylene blue test

ICS 91.100.15

National foreword

This British Standard is the UK implementation of EN 933-9:2009+A1:2013. It supersedes BS EN 933-9:2009, which is withdrawn.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/502, Aggregates to Subcommittee B/502/6, Test methods.

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

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English Version

Tests for geometrical properties of aggregates - Part 9: Assessment of fines - Methylene blue test

Essais pour déterminer les caractéristiques géométriques
des granulats - Partie 9 : Qualification des fines - Essai au
bleu de méthylène

Prüfverfahren für geometrische Eigenschaften von
Gesteinskörnungen - Teil 9: Beurteilung von Feinanteilen-
Methylenblau-Verfahren

This European Standard was approved by CEN on 12 June 2009 and includes Amendment 1 approved by CEN on 12 February 2013.

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Foreword

This document (EN 933-9:2009+A1:2013) has been prepared by Technical Committee CEN/TC 154 “Aggregates”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2013, and conflicting national standards shall be withdrawn at the latest by October 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes  EN 933-9:2009. .

This document includes Amendment 1 approved by CEN on 2013-02-12.

The start and finish of text introduced or altered by amendment is indicated in the text by tags  .

This Standard forms part of a series of tests for geometrical properties of aggregates. Test methods for other properties of aggregates will be covered by parts of the following European Standards:

- EN 932, *Tests for general properties of aggregates*
- EN 1097, *Tests for mechanical and physical properties of aggregates*
- EN 1367, *Tests for thermal and weathering properties of aggregates*
- EN 1744, *Tests for chemical properties of aggregates*
- EN 13179, *Tests for filler aggregate used in bituminous mixtures*

The other parts of EN 933 will be:

- Part 1: Determination of particle size distribution — Sieving method
- Part 2: Determination of particle size distribution — Test sieves, nominal size of apertures
- Part 3: Determination of particle shape — Flakiness index
- Part 4: Determination of particle shape — Shape index
- Part 5: Determination of percentage of crushed and broken surfaces in coarse aggregate particles
- Part 6: Assessment of surface characteristics — Flow coefficient for coarse aggregates
- Part 7: Determination of shell content — Percentage of shells in coarse aggregates
- Part 8: Assessment of fines — Sand equivalent test
- Part 10: Assessment of fines — Grading of fillers (air jet sieving)

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