STN	Skúšky na stanovenie geometrických charakteristík kameniva. Časť 6: Hodnotenie charakteristík povrchu. Súčiniteľ tečenia štrku.	STN EN 933-6
		72 1186

Tests for geometrical properties of aggregates - Part 6: Assessment of surface characteristics - Flow coefficient of aggregates

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Obsahuje: EN 933-6:2014

Oznámením tejto normy sa ruší STN EN 933-6 (72 1186) z júna 2003

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English Version

Tests for geometrical properties of aggregates - Part 6: Assessment of surface characteristics - Flow coefficient of aggregates

Essais pour déterminer les caractéristiques géométriques des granulats - Partie 6: Evaluation des caractéristiques de surface - Coefficient d'écoulement des granulats Prüfverfahren für geometrische Eigenschaften von Gesteinskörnungen - Teil 6: Beurteilung der Oberflächeneigenschaften - Fließkoeffizienten von Gesteinskörnungen

This European Standard was approved by CEN on 6 February 2014.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 933-6:2014) 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of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document supersedes EN 933-6:2001.

The main changes to the previous version of EN 933-6 are:

- Scope: Updated to conform SC6 resolution n°237/2006 on the possible use of other test methods under specified conditions, and also to allow the use of advanced test methods;

- Clause 5, Reference materials: a reference fine aggregate has been introduced to improve the precision data of the flow coefficient of fine aggregates;

- 6.4, Additional apparatus required for the determination of the flow coefficient of fine aggregates: a cylindrical feed hopper has been added to improve the precision data of the test;

- 8.5, Test report: the list of required data has been updated;

- Annex B, precision, B.2: The precision data for fine aggregate provided by France have been updated following a more recent interlaboratory experiment for which a cylindrical feed hopper was used.

This European 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 are:

- 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 7: Determination of shell content Percentage of shells in coarse aggregates
- Part 8: Assessment of fines Sand equivalent test
- Part 9: Assessment of fines Methylene blue test
- Part 10: Assessment of fines Grading of filler aggregates (air jet sieving)

Part 11: Classification test for the constituents of coarse recycled aggregate

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the reference method used for type testing, and in case of dispute, for determining the flow coefficient of coarse and fine aggregates. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established. Examples of advanced test methods can be found in the Bibliography.

This European Standard applies to coarse aggregate of sizes between 4 mm and 20 mm and to fine aggregate of size up to 2 mm.

NOTE 1 For coarse aggregates between 4 mm and 20 mm, the flow coefficient is linked with the percentage of crushed or broken surfaces of an aggregate and can therefore be used in association with the method specified in EN 933–5. Shape and surface texture characteristics also influence the result.

NOTE 2 Experience of this test has been generally limited to natural aggregates.

2 Normative references

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

EN 932-2, Tests for general properties of aggregates - Part 2: Methods for reducing laboratory samples

EN 932-5, Tests for general properties of aggregates - Part 5: Common equipment and calibration

EN 933-2, Tests for geometrical properties of aggregates - Part 2: Determination of particle size distribution - Test sieves, nominal size of apertures

EN 933-3, Tests for geometrical properties of aggregates - Part 3: Determination of particle shape - Flakiness index

EN 1097-6:2013, Tests for mechanical and physical properties of aggregates - Part 6: Determination of particle density and water absorption

koniec náhľadu – text ďalej pokračuje v platenej verzii STN