

SIDUMATA SEGUD. SPETSIFIKATSIOONID

Unbound mixtures - Specifications

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13285:2018 sisaldab Euroopa standardi EN 13285:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 13285:2018 consists of the English text of the European standard EN 13285:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 27.06.2018.	Date of Availability of the European standard is 27.06.2018.
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English Version

Unbound mixtures - Specifications

Graves non traitées - Spécifications

Ungebundene Gemische - Anforderungen

This European Standard was approved by CEN on 20 February 2017.

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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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 13285:2018) has been prepared by Technical Committee CEN/TC 227 “Roads materials”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by December 2018, and conflicting national standards shall be withdrawn at the latest by March 2020.

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

This document supersedes EN 13285:2010.

Compared with EN 13285:2010 the following changes have been made:

- a) Introduction of new categories for mixtures, designations, grading and fines content;
- b) adjustment of scope for new categories to an upper sieve size (D) range from 5,6 mm to 90 mm;
- c) introduction of definitions for new terms;
- d) A-Deviation by Estonia introduced in new Annex C. The former Annex C is now part of Clause 5.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies requirements for unbound mixtures used for construction and maintenance of roads, airfields and other trafficked areas.

This European Standard applies to unbound mixtures of natural, manufactured and recycled aggregates with an upper sieve size (D) from 5,6 mm to 90 mm and lower sieve size (d) = 0 at the point of delivery.

NOTE 1 Mixtures with an upper sieve size (D) greater than 90 mm are not covered by this European Standard but may be specified in the place of use.

NOTE 2 Water content of the mixture and the density of the installed layer are not specified mixture requirements. Both parameters are related to the control of the construction of the layer and are outside the scope of this European Standard.

The aggregate requirements are defined with appropriate cross-reference to EN 13242.

Use of aggregates as soil is not covered by this standard.

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 932-1, *Tests for general properties of aggregates — Part 1: Methods for sampling*

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

EN 933-1, *Tests for geometrical properties of aggregates — Part 1: Determination of particle size distribution — Sieving method*

EN 13242, *Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction*

EN 13286-1, *Unbound and hydraulically bound mixtures — Part 1: Test methods for laboratory reference density and water content — Introduction, general requirements and sampling*

EN 13286-2, *Unbound and hydraulically bound mixtures — Part 2: Test methods for laboratory reference density and water content — Proctor compaction*

EN 13286-3, *Unbound and hydraulically bound mixtures — Part 3: Test methods for laboratory reference density and water content — Vibrocompression with controlled parameters*

EN 13286-4, *Unbound and hydraulically bound mixtures — Part 4: Test methods for laboratory reference density and water content — Vibrating hammer*

EN 13286-5, *Unbound and hydraulically bound mixtures — Part 5: Test methods for laboratory reference density and water content — Vibrating table*

EN 16236, *Assessment and Verification of the Constancy of Performance (AVCP) of aggregates — Type testing and Factory Production Control*