

Sidumata segud. Spetsifikatsioon

Unbound mixtures - Specifications

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13285:2010 sisaldab Euroopa standardi EN 13285:2010 ingliskeelset teksti.

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English Version

Unbound mixtures - Specifications

Graves non traitées - Spécifications

Ungebundene Gemische - Anforderungen

This European Standard was approved by CEN on 29 July 2010.

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Contents

Page

Foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	6
4.1 General requirements.....	6
4.2 Aggregate requirements	6
4.3 Mixture requirements	7
4.3.1 Mixture designation	7
4.3.2 Fines content.....	7
4.3.3 Oversize	8
4.4 Grading requirements	8
4.4.1 General grading curve.....	8
4.4.2 Grading of individual batches	11
4.5 Other requirements.....	11
5 Evaluation of conformity.....	12
5.1 Sampling	12
5.2 Factory production control.....	12
5.3 Declaration of laboratory dry density and optimal water content	12
5.4 Declaration of water soluble sulphate content.....	12
6 Designation and description	12
7 Marking and labelling	13
Annex A (informative) Use of the supplier declared value.....	14
A.1 Terminology	14
A.2 Overall grading range.....	14
A.3 Supplier declared value grading range	15
A.4 Supplier declared value	15
A.5 Tolerances for comparison with the supplier declared value.....	15
Annex B (informative) Guidance on the assessment of the mechanical behaviour of unbound mixtures	16
Annex C (normative) Factory production control.....	17
C.1 Introduction	17
C.2 Organization	17
C.2.1 Responsibility and authority	17
C.2.2 Management representative for factory production control	17
C.2.3 Management review.....	17
C.3 Control procedures.....	17
C.3.1 Document and data control	17
C.3.2 Sub-contract services	18
C.3.3 Knowledge of mixture components.....	18
C.4 Management of the production	18
C.5 Inspection and test	18
C.5.1 General.....	18
C.5.2 Equipment	18
C.5.3 Frequency and location of inspections, sampling and tests	19
C.6 Records.....	20
C.7 Control of non-conforming product.....	20

C.8	Handling, storage and conditioning in production areas	20
C.9	Transport and packaging.....	21
C.9.1	Transport.....	21
C.9.2	Packaging.....	21
C.10	Training of personnel.....	21
Bibliography.....		22

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Foreword

This document (EN 13285:2010) has been prepared by Technical Committee CEN/TC 227 “Road 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 March 2011, and conflicting national standards shall be withdrawn at the latest by March 2011.

This document supersedes EN 13285:2003.

The main change compared to the previous edition is that the former informative annex classifying mixtures containing recycled aggregates has been replaced by the general reference to EN 13242.

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1 Scope

This European Standard specifies requirements for unbound mixtures used for construction and maintenance of roads, airfields and other trafficked areas. The requirements are defined with appropriate cross-reference to EN 13242.

This European Standard applies to unbound mixtures of natural, artificial and recycled aggregates with a upper sieve size (D) from 8 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.

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

EN 1744-1, *Tests for chemical properties of aggregates — Part 1: Chemical analysis*

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 the determination of the 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*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

NOTE Other useful terms and definitions are given in EN 13242.

3.1

unbound mixture

granular material, normally of a controlled grading with $d = 0$, which is generally used in pavement bases and sub-bases