



SLOVENSKI STANDARD

oSIST prEN 12697-42:2019

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Bitumenske zmesi - Preskusne metode - 42. del: Vsebnost nečistoč v asfaltnem granulatu

Bituminous mixtures - Test methods - Part 42: Amount of foreign matter in reclaimed asphalt

Asphalt - Prüfverfahren für Heiasphalt - Teil 42: Fremdstoffgehalt in Ausbauasphalt

Mlanges bitumineux - Mthodes d'essai pour mlange hydrocarbon  chaud - Partie 42: Quantit de matriaux trangers prsents dans les agrgats d'enrobs

Ta slovenski standard je istoveten z: prEN 12697-42

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<https://standards.iteh.ai/catalog/standards/sist/17a88dfe-e6e4-4129-80ff-4371024a8b5a/sist-en-12697-42-2021>

ICS:

93.080.20 Materiali za gradnjo cest Road construction materials

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 12697-42

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ICS 93.080.20

Will supersede EN 12697-42:2012

English Version

**Bituminous mixtures - Test methods - Part 42: Amount of
foreign matter in reclaimed asphalt**

Mélanges bitumineux - Méthodes d'essai pour mélange
hydrocarboné à chaud - Partie 42: Quantité de
matériaux étrangers présents dans les agrégats
d'enrobés

Asphalt - Prüfverfahren für Heißasphalt - Teil 42:
Fremdstoffgehalt in Ausbauasphalt

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 227.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Content	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Principle	5
5 Apparatus	5
6 Preparation of the sample	5
7 Procedure	6
8 Expression of results	7
9 Test report	7
10 Precision data	7
Annex A (informative) Amount of foreign matter in finer fractions	8
A.1 General	8
A.2 Apparatus	8
A.3 Preparation of the sample	8
A.4 Procedure	9
A.5 Expression of results	9
A.6 Test report	9

European foreword

This document (prEN 12697-42:2019) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 12697-42:2012.

The main technical changes with respect to EN 12697-42:2012 are listed below:

- (Title) No longer exclusively for hot mix asphalt;
- (ge) NOTES adjusted according to ISO/IEC Directives – Part 2:2016, 24.5;
- (2) Dated reference to EN 932-1 deleted and title corrected for EN 12697-27;
- (3) Introductory sentence amended according to CEN/CENELEC Internal Regulations Part 3:2017 and dated reference to EN 931-1 deleted;
- (3.1) Definition of reclaimed asphalt harmonized with EN 13108-8:2016;
- (3.3) Additional definition for finer foreign matter in Annex A, clause A.2 transferred to 3.3. The following clauses renumbered accordingly.

WARNING — The methods described in this document require the use of solvents that are hazardous to health and are subject to occupational exposure limits as described in relevant legislation and regulations. Exposure levels are related to both handling procedures and ventilation provision and it is emphasized that adequate training should be given to staff employed in the usage of these substances.

A list of all parts in the EN 12697 series can be found on the CEN website.

1 Scope

This document specifies a visual method of determining the amount and components of coarse foreign matter in reclaimed asphalt. A method for determining the amount and components of finer foreign matter in reclaimed asphalt is given in Annex A. This method does not completely categorize the foreign matter that can occur in asphalt.

NOTE 1 For the use of reclaimed asphalt in asphalt mixtures, it is important to know the components in the reclaimed asphalt and to what extent coarse foreign matter is present that can influence the properties of the asphalt mix.

NOTE 2 The method is not intended to categorize all foreign materials but rather to ensure that the amount of coarse foreign materials are minimized.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 932-1, *Test for general properties of aggregates — Part 1: Methods for sampling*

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

EN 12697-27, *Bituminous mixtures — Test methods — Part 27: Sampling*

3 Terms and definitions

For the purposes of this document, the terms and definitions in EN 932-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

reclaimed asphalt

processed asphalt, suitable and ready to be used as constituent material for asphalt

Note 1 to entry: Processing can include one or more of: milling, crushing, sieving (screening), blending, etc.

3.2

coarse foreign matter

matter that is greater in size than 8 mm in reclaimed asphalt not derived from asphalt pavements or surplus production, and cold asphalt produced with cut-back bitumen

3.3

finer foreign matter

matter that is greater in size than 4 mm but smaller than 8 mm in reclaimed asphalt not derived from asphalt pavements or surplus production, and cold asphalt produced with cut-back bitumen

Note 1 to entry: See Annex A. It is also possible to use fractions 6,3/8 mm or 5,6/8 mm, but the result will not be for the finer foreign matter as defined here. The fraction actually tested needs to be clearly associated with the result in any report.