

STN	Asfaltové zmesi Skúšobné metódy Časť 42: Obsah cudzorodých látok v R-materiáli	STN EN 12697-42 73 6160
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Bituminous mixtures - Test methods - Part 42: Amount of foreign matter in reclaimed asphalt

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/21

Obsahuje: EN 12697-42:2021

Oznámením tejto normy sa ruší
STN EN 12697-42 (73 6160) z mája 2013

132573

EUROPEAN STANDARD

EN 12697-42

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2021

ICS 93.080.20

Supersedes EN 12697-42:2012

English Version

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

Mélanges bitumineux - Méthodes d'essai - Partie 42 :
Quantité de matériaux étrangers présents dans les
agrégats d'enrobés

Asphalt - Prüfverfahren - Teil 42: Menge der
Fremdpartikel in Ausbaupasphalt

This European Standard was approved by CEN on 13 December 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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EN 12697-42:2021 (E)

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European foreword

This document (EN 12697-42:2021) has been prepared by Technical Committee CEN/TC 227 “Road materials”, 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of an identical text or by endorsement, at the latest by July 2021, and conflicting national standards shall be withdrawn at the latest by July 2021.

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

This document supersedes EN 12697-42:2012.

The main changes compared to the previous edition are listed below:

- The title no longer refers to hot mix asphalt;
- (Clause 1) paragraph, 4th line: “asphalt” amended to read “reclaimed asphalt”;
- (Clause 1) NOTE: The wording “asphalt mixtures” and “asphalt mix” amended to read “bituminous mixtures” and “bituminous mixture”;
- (Clause 1) NOTE 2 deleted since already described in Scope;
- (ge) NOTES adjusted according to CEN/CENELEC Internal Regulations Part 3:2019;
- (ge) for measurement and expression of results the wording “accuracy” has been amended to “to the nearest”;
- (Clause 2) dated reference to EN 932-1 deleted and title corrected for EN 12697-27;
- (Clause 3) introductory sentence amended according to CEN/CENELEC Internal Regulations Part 3:2019 and dated reference to EN 931-1 deleted;
- (3.1) definition of reclaimed asphalt harmonized with EN 13108-8:2016;
- (3.2) cold asphalt with cut-back bitumen excluded from the definition;
- (3.3) additional definition for finer foreign matter introduced. Transferred from Annex A, A.2. (cold asphalt with cut-back bitumen excluded). The following clauses renumbered accordingly;
- (5.2) reworded description for balance (editorial) in line with 7.2;
- (7.1) NOTE 1 regarding cold asphalt with cut-back bitumen deleted since there is no relevance with the purpose of this test method; NOTE 2 deleted;
- (7.2) NOTE 1 adjusted to normal text (new sub-clause 7.2.1). NOTE 2 adjusted to normal text (new sub-clause 7.2.2);
- (7.3); (7.4); (7.5); (8) simplified description with reference to 7.2;
- (Clause 9) required information completed according to CEN/CENELEC Internal Regulations Part 3:2019, Clause 18.5.8. Report of test result in line with EN 13108-8:2016, 4.1;

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- (Annex A) title of Annex A amended to read “Amount of finer foreign matter” and the wording “finer foreign matter” implemented where relevant in line with definition in 3.3;

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 is expected to 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.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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 reclaimed asphalt.

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

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

EN 933-2, *Tests 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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN