

STN	Asfaltové zmesi Skúšobné metódy Časť 37: Skúška horúcim pieskom na zistenie priľnavosti spojiva pri predobalenej drvine pre vtlačané vrstvy	STN EN 12697-37 73 6160
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Bituminous mixtures - Test methods - Part 37: Hot sand test for the adhesivity of binder on pre-coated chippings for Hot-Rolled-Asphalt (HRA)

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. 07/22

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EUROPEAN STANDARD

EN 12697-37

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EUROPÄISCHE NORM

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English Version

Bituminous mixtures - Test methods - Part 37: Hot sand test for the adhesivity of binder on pre-coated chippings for Hot-Rolled-Asphalt (HRA)

Mélanges bitumineux - Méthodes d'essai - Partie 37 :
Essai au sable chaud pour l'adhérence du liant sur des
gravillons pré-enrobés pour Hot-Rolled Asphalt (HRA)

Asphalt - Prüfverfahren - Teil 37: Prüfung des
Haftvermögens eines Bindemittels auf vorumhülltem
Splitt für Hot-Rolled-Asphalt (HRA) mittels heißem
Sand

This European Standard was approved by CEN on 21 February 2022.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 12697-37:2022 (E)

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European foreword

This document (EN 12697-37:2022) 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of an identical text or by endorsement, at the latest by October 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

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 12697-37:2003.

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

- the title no longer refers to hot mix asphalt;
- the title completed with “Hot-Rolled Asphalt”. The abbreviation “HRA” placed within brackets;
- general editorial update according to current standard template;
- European Foreword, deletion of paragraph “The applicability of this European Standard is described in prEN 13108-4”;
- deletion of reference to EN 13043. Correction of titles for EN 12697-27 and EN 12697-28;
- Clause 3, deletion of terms and definitions 3.1 to 3.9. Terms and definitions given in EN 12697-27 and EN 12697-28 are applied in relevant paragraphs;
- Clause 4, revision of NOTE to normal text;
- Clause 5, completion of left column heading in Table 1 to read “Test sieve aperture size”;
- 6.2, replacement of “accuracy” with “maximum permissible error”;
- 6.4, replacement of “accuracy” with “maximum permissible error”;
- 6.5, replacement of sieve “350 mm” with sieve “300 mm”;
- Clause 7, alteration of title to read “Sampling and preparation of test portions”.
- 7.1, alteration of title to read “Sampling”. Clarification of paragraph;
- 7.2, alteration of title to read “Preparation of test portion”. Clarification of paragraph;
- 7.2, reference to EN 12697-28:2000, 4.5 deleted;
- 7.3 to 7.12, renumbered to 8.1 to 8.10;
- 7.13, deletion of paragraph. NOTE 1 and NOTE 2 amended to normal text and placed under 8.10;
- Clause 8, alteration of title to read “Procedure”. Former Clause 8 renumbered to Clause 9;
- 8.1 (7.3 in previous version), correction of description of sieve sizes. Unit changed to “mm”;

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- 8.6 (7.8 in previous version), deletion of superfluous text “ensuring that the sand temperature is not less than 100 °C”;
- 8.7 (7.9 in previous version), correction of description of sieve sizes. Unit changed to “mm”;
- 8.10 (7.13 in previous version), NOTE 1 and NOTE 2 amended to normal text”;
- Clause 9 (Clause 8 in previous version), alteration of title to read “Calculation and expression of results”;
- 9.1 (8.1 in previous version), equations adjusted and completed with keys and numbered;
- 9.2, (8.2 in previous version), equations adjusted and completed with keys and numbered;
- Clause 10 (Clause 9 in previous version), revision of the order and data to be reported;
- Clause 11, renumbered from “Clause 10” to “Clause 11”;
- Bibliography, deletion of references to prEN 13108-4 and prEN 12697-38.

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

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies 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 describes a hot sand test method for determining the condition of the binder on coated chippings for use with hot rolled asphalt (HRA) surface course.

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

EN 933-6, *Tests for geometrical properties of aggregates - Part 6: Assessment of surface characteristics - Flow coefficient of aggregates*

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

EN 12697-28, *Bituminous mixtures - Test methods - Part 28: Preparation of samples for determining binder content, water content and grading*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN