

STN	Asfaltové zmesi Skúšobné metódy Časť 47: Stanovenie obsahu popola v prírodnom asfalte	STN EN 12697-47 73 6160
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Bituminous mixtures - Test methods - Part 47: Determination of the ash content of natural asphalts

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. 11/23

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EUROPEAN STANDARD

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English Version

**Bituminous mixtures - Test methods - Part 47:
Determination of the ash content of natural asphalts**

Mélanges bitumineux - Méthodes d'essai pour mélange hydrocarboné à chaud - Partie 47 : Détermination de la teneur en cendres des bitumes naturels

Asphalt - Prüfverfahren - Teil 47: Bestimmung des Aschegehaltes von Naturasphalt

This European Standard was approved by CEN on 16 July 2023.

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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 12697-47:2023 (E)

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European foreword

This document (EN 12697-47:2023) 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of an identical text or by endorsement, at the latest by March 2024, and conflicting national standards shall be withdrawn at the latest by March 2024.

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 12697-47:2010.

EN12697-47:2023 includes the following significant technical changes with respect to EN 12697-47:2010:

- the title no longer refers to hot mix asphalt;
- general editorial update according to current standard template and CEN/CENELEC Internal Regulations, Part 3:2019;
- general editorial change of “proportional mass” to read “mass proportion”;
- [3.2] update of definition of natural asphalt considering solvent (toluene) for assessing solubility;
- [5.4] NOTE amended to normal text;
- [5.5] deletion of “(optional)” as an oven is pre-scribed in Clause 6.3;
- [5.8] deletion of “(optional)” as a 4 mm sieve is pre-scribed in Clause 6.2;
- [Clause 10] items to be reported, revised and clarified.

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, Türkiye and the United Kingdom.

EN 12697-47:2023 (E)**1 Scope**

This document specifies a test method to determine the ash content in natural asphalts (including lake asphalts), binders containing natural asphalts or bitumens. For the method to apply, it is essential that any mineral matter in the binder be finely divided and cannot exceed a mass fraction of 45 %.

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 58, *Bitumen and bituminous binders - Sampling bituminous binders*

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