

საქართველოს სტანდარტი

სსკ: 75.140; 91.100.50

ბიტუმები და ბიტუმიანი შემკვრელები - ნემსის შეღწევადობის განსაზღვრა

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სსტ ენ 1426:2024/2024

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3 ნაცვლად სსტ ენ 1426:2015/2018

4 რეგისტრირებულია: სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 30/12/2024 წლის №268-1.3-41454

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English Version

Bitumens and bituminous binders - Determination of needle penetration

Bitumes et liants bitumineux - Détermination de la pénétrabilité à l'aiguille

Bitumen und bitumenhaltige Bindemittel - Bestimmung der Nadelpenetration

This European Standard was approved by CEN on 16 September 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 1426:2024) has been prepared by Technical Committee CEN/TC 336 “Bitumens and bituminous binders”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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 1426:2015.

EN 1426:2024 includes the following significant changes with respect to EN 1426:2015:

- a) Clause 1, Scope, has been updated;
- b) Clause 2, Normative references, has been updated;
- c) Clause 5, Apparatus, has been updated and revised, so that:
 - the specifications of the penetrometer (5.1) have been further detailed and a substructure of 5.1 has been introduced;
 - the specifications of the penetration needle and ferrule (5.2) have been further detailed and a substructure has been introduced;
 - the specifications of the test sample container (5.3) have been further detailed to include containers of different volumes for which a substructure has been introduced;
 - the transfer equipment (5.5) now consists of a transfer bath and a transfer dish;
- d) Clause 6, Calibration and verification, has been added containing the revised and expanded specifications of former subclause 5.8;
- e) Clause 7, Sampling, has been updated and further detailed regarding, e.g. filling the test sample container, duration between test sample preparation and start of testing and the specification of the ambient temperature;
- f) Clause 8, Procedure, has been updated and revised to include, e.g. the updated apparatus and automatic surface detection;
- g) the former subclause 7.1, Preparation of the needle holder and needles, has been split up into new subclause 8.1, Preparation of the penetrometer, and new subclause 8.2, Preparation of the penetration needles, and the specifications of former subclause 5.2.2 on the continuous check of penetration needles have been move there;
- h) Clause 11, Test report, has been updated;
- i) Figures 1 and 2 have been updated;
- j) the Bibliography has been updated.

EN 1426:2024 (E)

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.

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